

SONY®

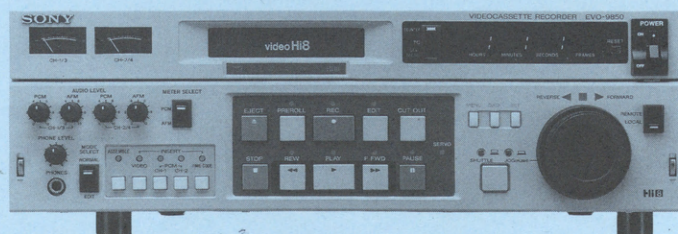
Hi-8 VIDEOCASSETTE RECORDER

EVO-9850

SERVICE MANUAL

Vol. 2

Hi8



SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

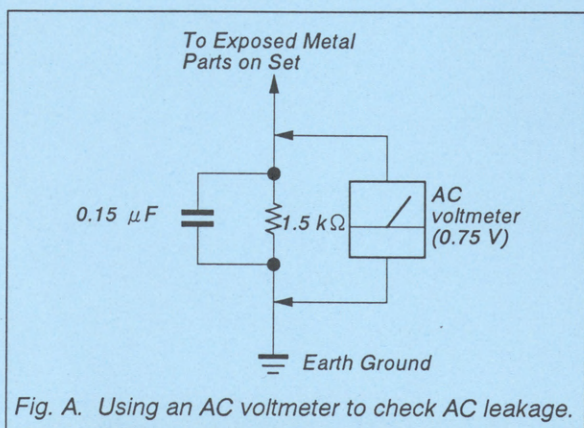


Fig. A. Using an AC voltmeter to check AC leakage.

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7. POWER SUPPLY ALIGNMENT
8. SERVO SYSTEM ALIGNMENT
9. AUDIO SIGNAL SYSTEM ALIGNMENT
10. VIDEO SIGNAL SYSTEM ALIGNMENT

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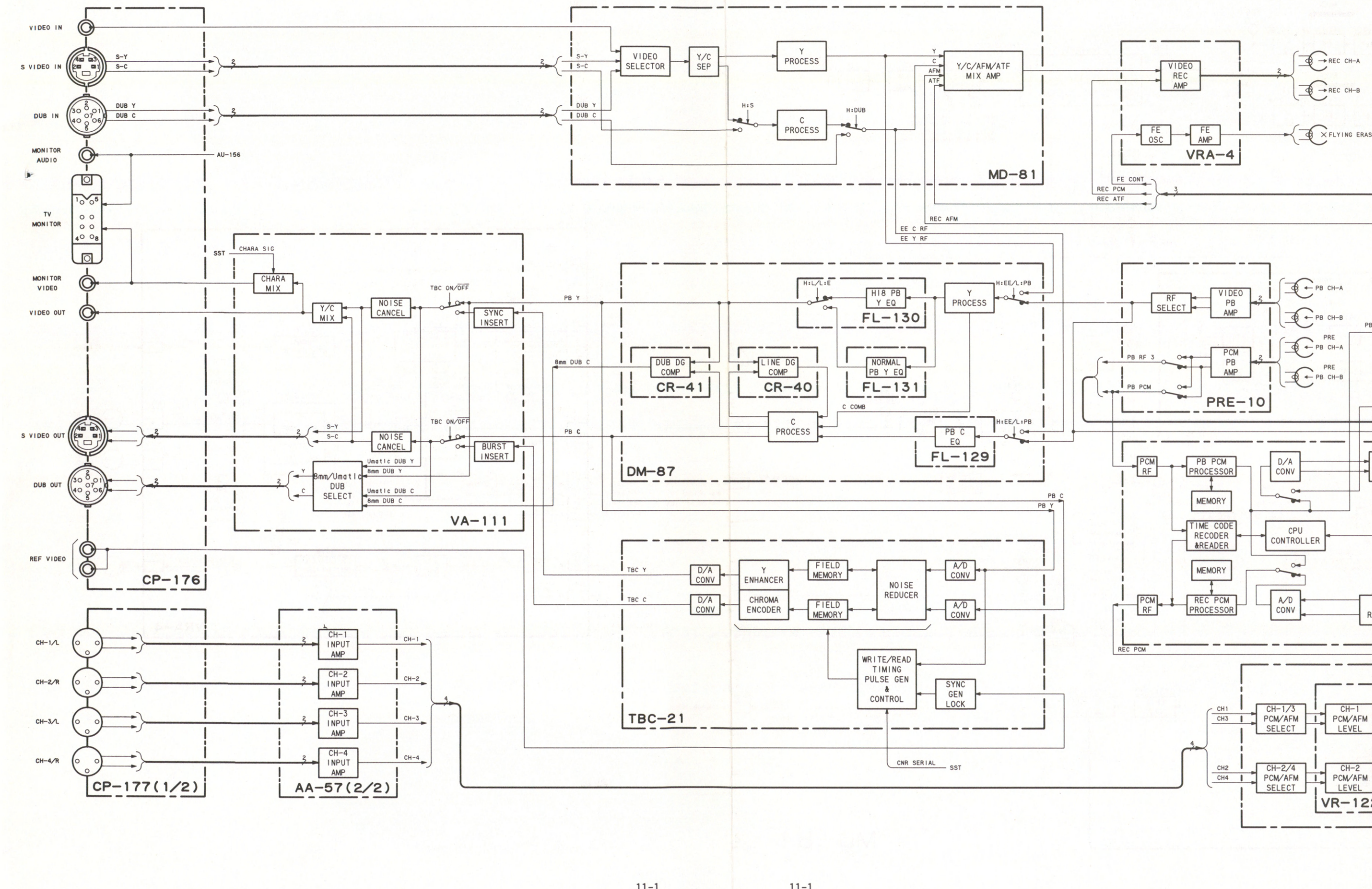
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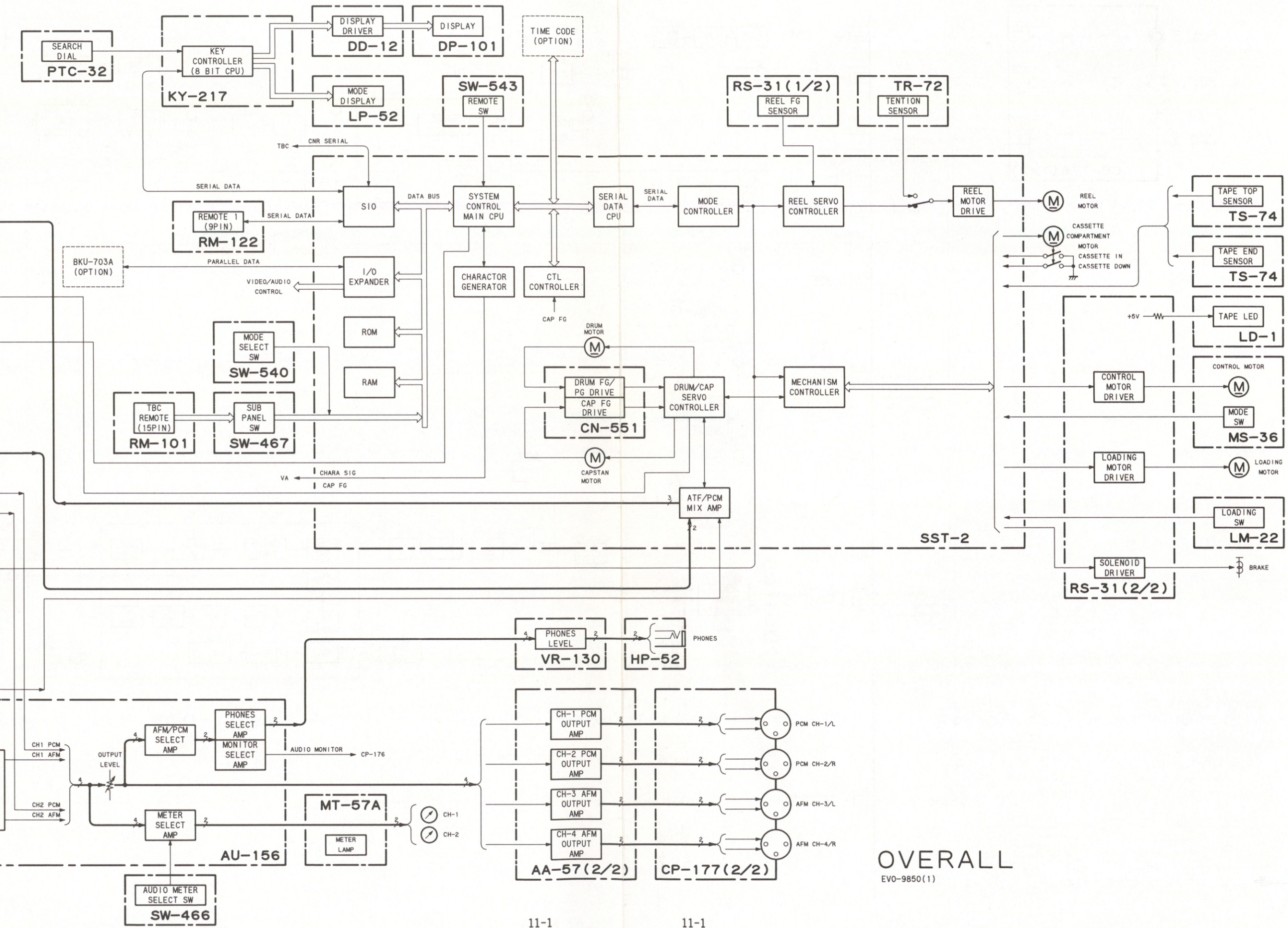
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OVERALL

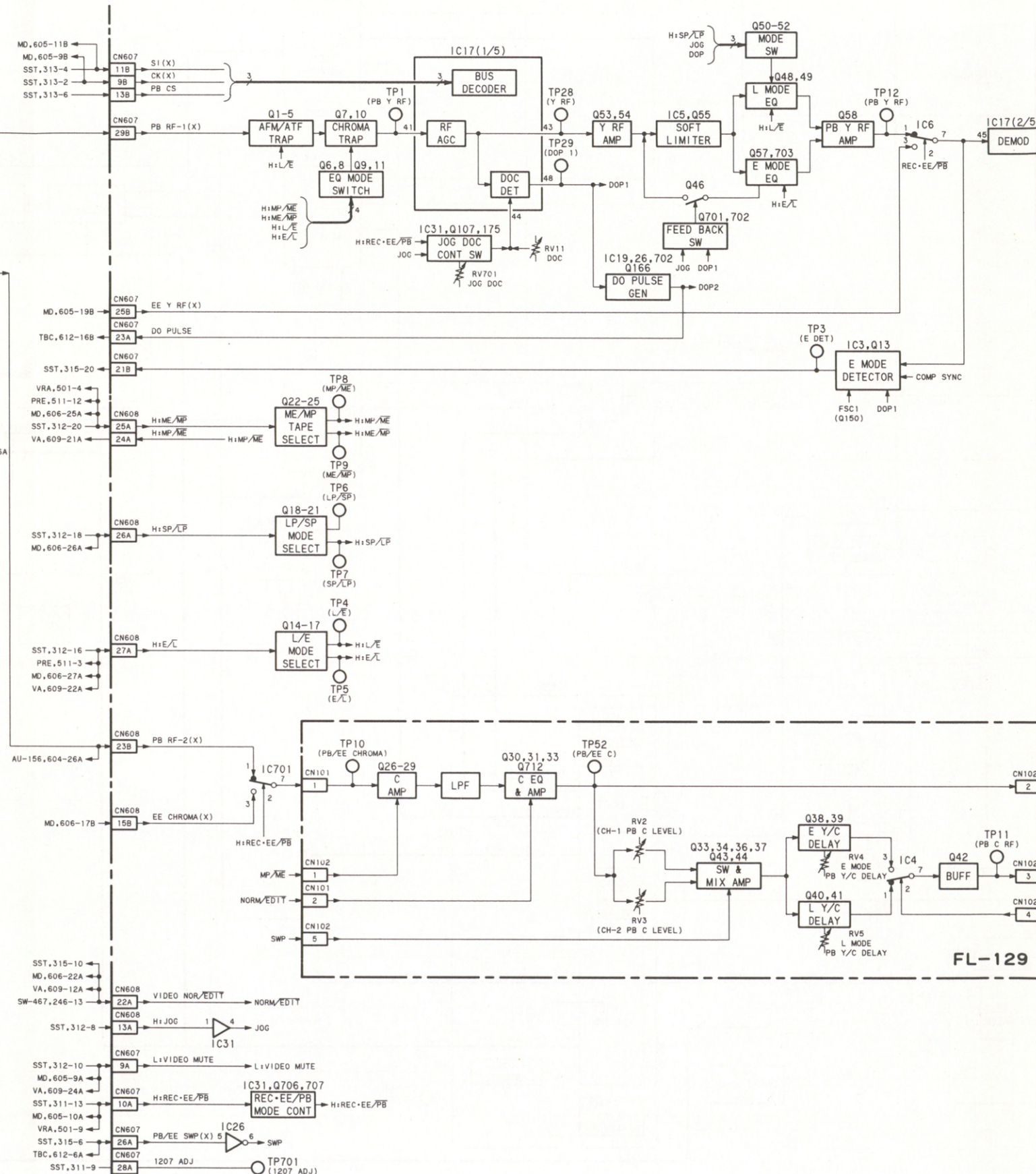


OVERALL

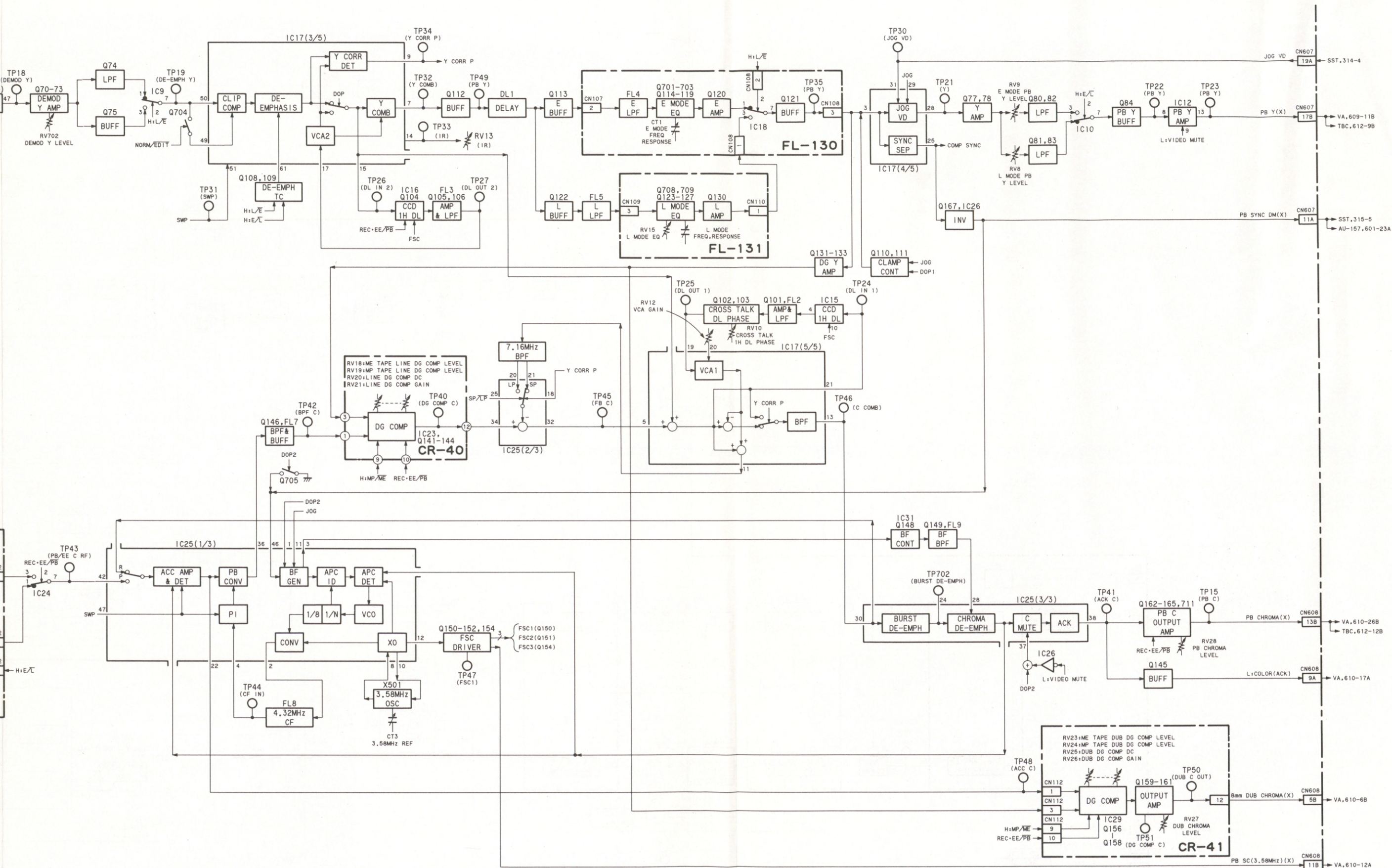


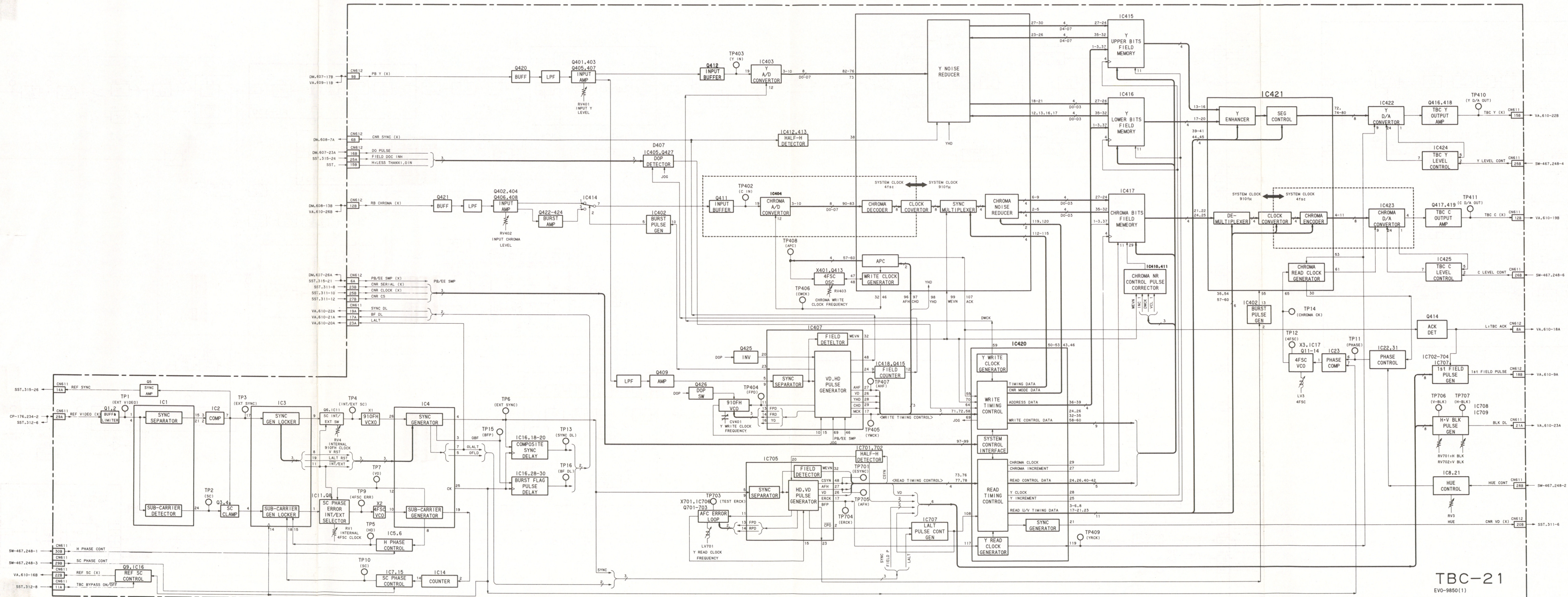
OVERALL
EVO-9850(1)

VIDEO VIDEO

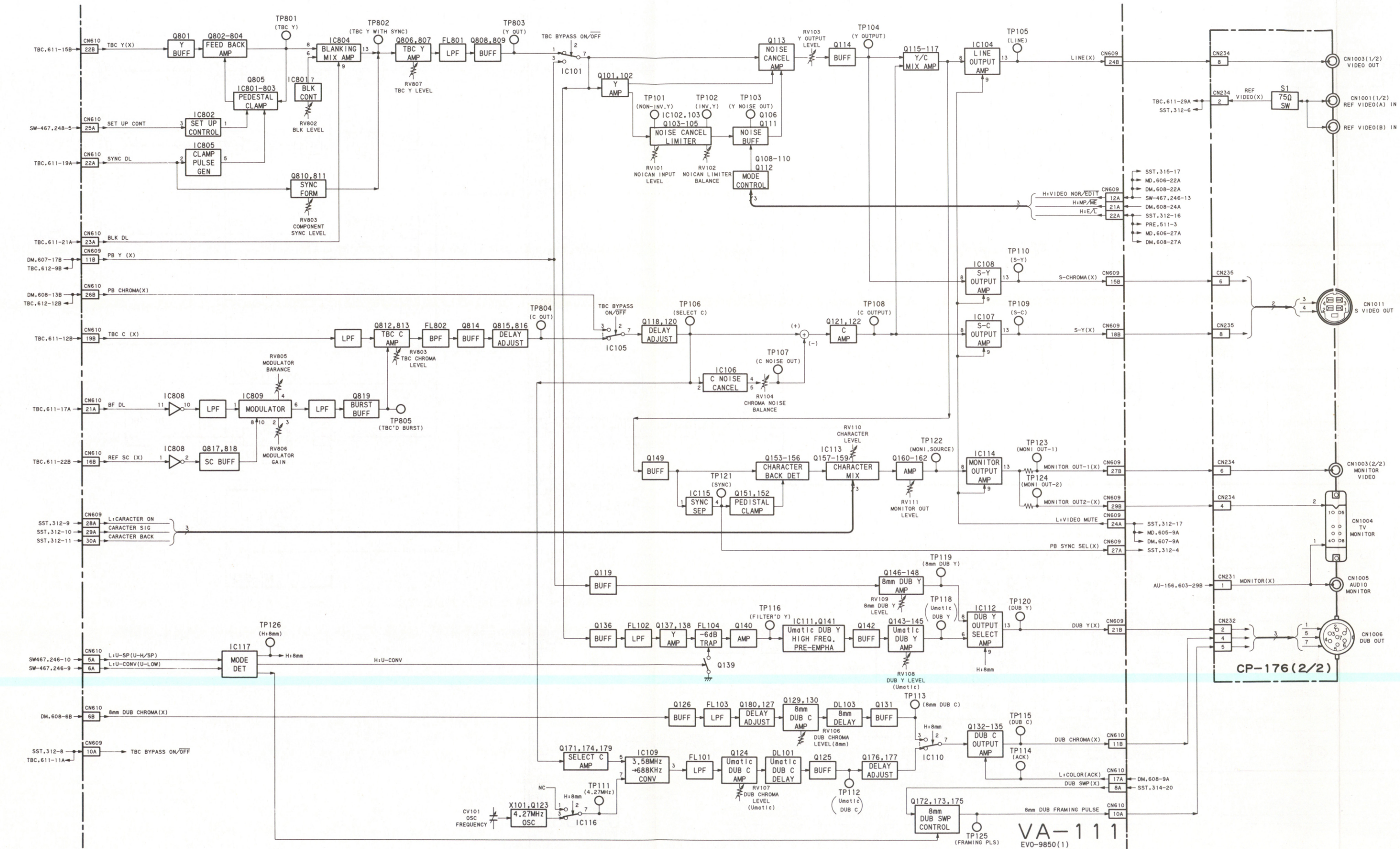


VIDEO VIDEO

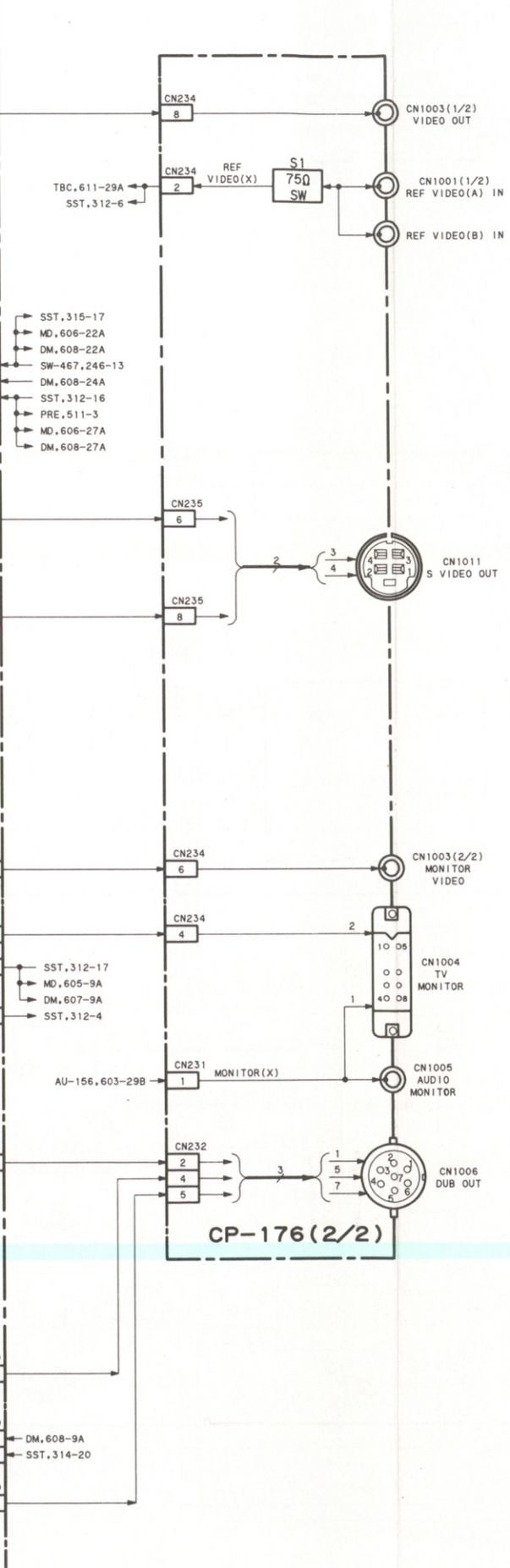


TBC-21
EVO-9850(1)

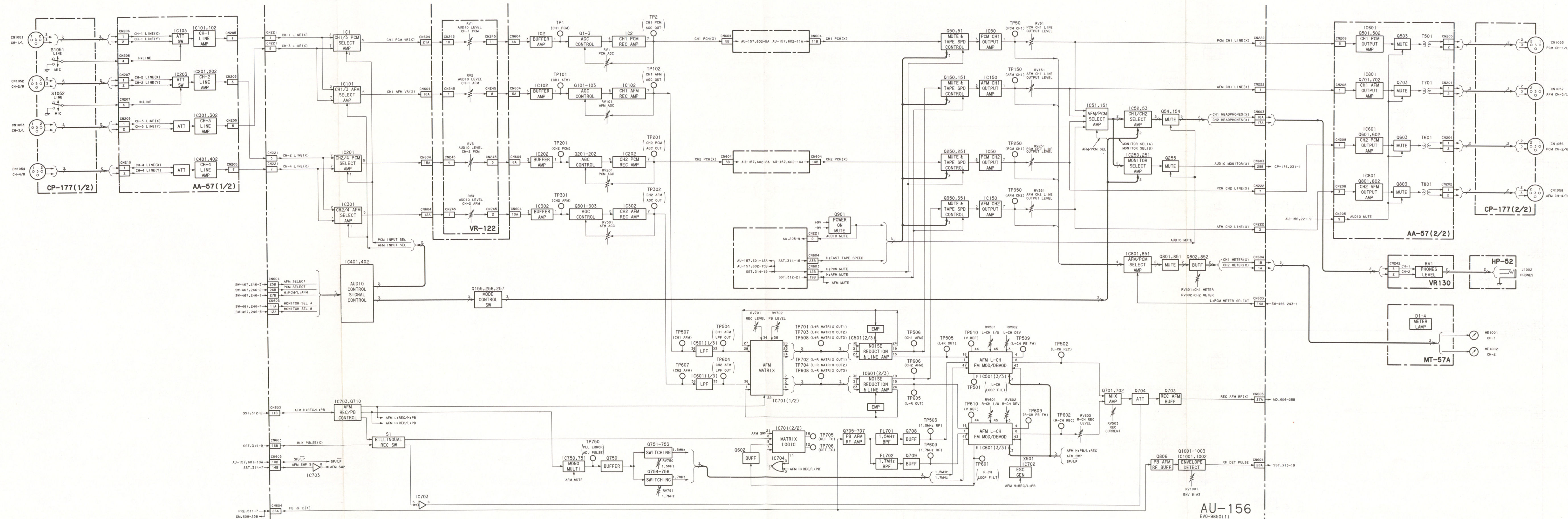
Video Interface/Sync, Burst Insert



VIDEO VIDEO



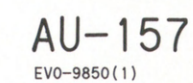
AFM Audio Processor

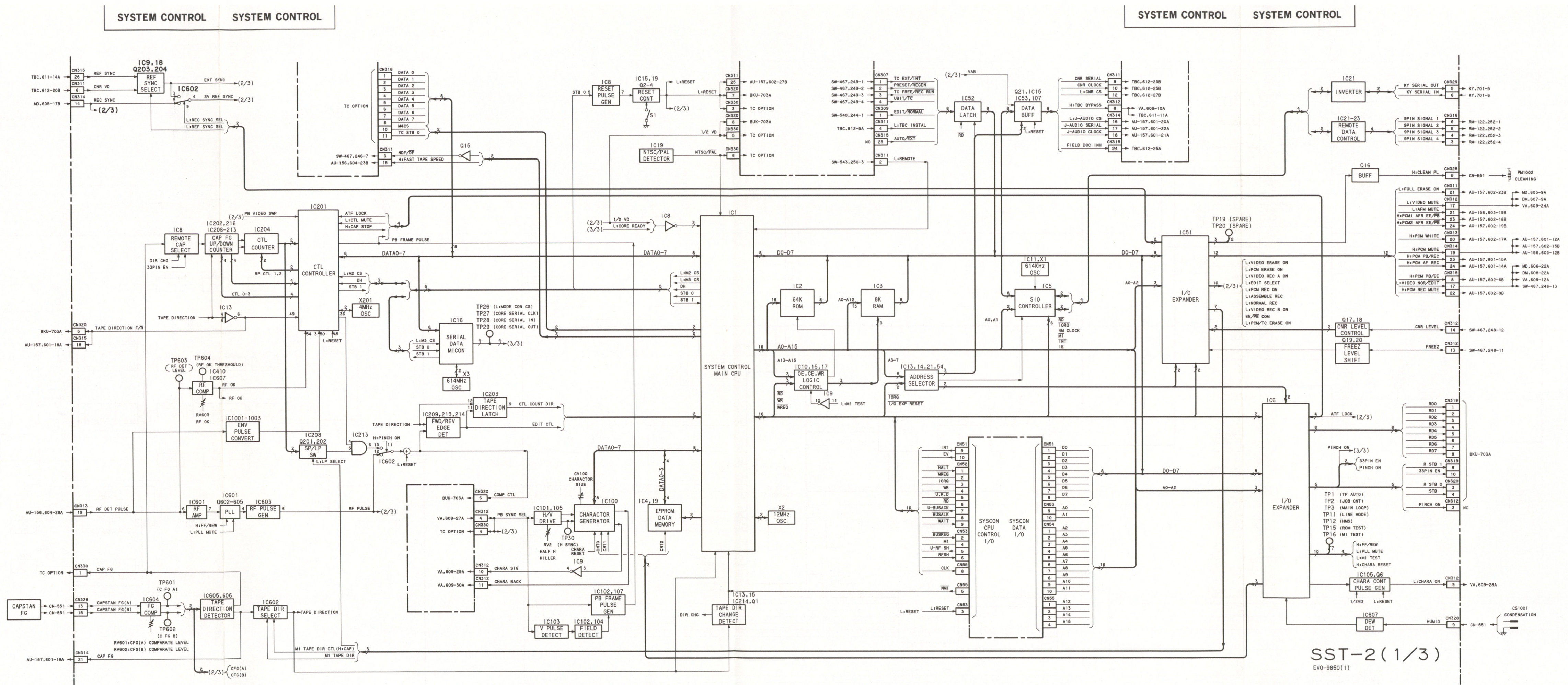


AUDIO AUDIO



11-7





The schematic diagram illustrates the internal control system of the SST-2 (2/3) VCR. It is divided into two main sections: the Drum Motor Control (top) and the Capstan Motor Control (bottom), both utilizing integrated circuits (ICs) and various passive components.

Drum Motor Control Section:

- Input/Output:** Features connectors CN-551 (1/2) for Drum FG/PG Wave Shaper and CN-551 (2/2) for Capstan FG Drive. It also includes a Drum Motor connector (CN-551) and a Capstan Motor connector (CN-551).
- ICs and Components:** Key components include IC405 (1/3), IC406 (Drum Error Amp), IC804 (Drum Power Amp), IC801 (Drum Motor Drive), IC409 (Sync Gen), IC404 (2FG Gen), IC604 (Capstan FG Amp), IC606 (Capstan F/R Det), IC702 (ATF Tracking Det), IC705 (Rec ATF FD), IC708,709 (Rec ATF Amp), IC713,716,717,719 (ATF&PCM Mix Amp), and IC707,712,714,715,718 (Mode Control).
- Control Logic:** The system includes a Drum Phase Det, Drum AFC Det, Drum Speed Det, and a 30Hz Notch Filter. It also features a Servo Data Interface, a Timing Pulse Gen, and a Picture Split Compensator.
- Timing and Detection:** Includes a 5.9MHz Oscillator (X701), a 30Hz Notch Filter, and various timing pulses (e.g., REC SYNC, EXT SYNC, SV REF SYNC, PB CH SYNC, REF BURST PULSE, PB BURST PULSE).

Capstan Motor Control Section:

- Input/Output:** Features connectors CN-551 (1/2) for Drum FG/PG Wave Shaper and CN-551 (2/2) for Capstan FG Drive. It also includes a Drum Motor connector (CN-551) and a Capstan Motor connector (CN-551).
- ICs and Components:** Key components include IC405 (2/3), IC406 (Capstan Error Amp), IC802 (Capstan Motor Drive), IC604 (Capstan FG Amp), IC606 (Capstan F/R Det), IC702 (ATF Tracking Det), IC705 (Rec ATF FD), IC708,709 (Rec ATF Amp), IC713,716,717,719 (ATF&PCM Mix Amp), and IC707,712,714,715,718 (Mode Control).
- Control Logic:** The system includes a Capstan Speed Det, a Filter, a PWM, and a LPF. It also features a Servo Data Interface, a Timing Pulse Gen, and a Picture Split Compensator.
- Timing and Detection:** Includes a 5.9MHz Oscillator (X701), a 30Hz Notch Filter, and various timing pulses (e.g., REC SYNC, EXT SYNC, SV REF SYNC, PB CH SYNC, REF BURST PULSE, PB BURST PULSE).

General Notes:

- The diagram includes numerous test points (TP401, TP402, TP403, TP404, TP405, TP406, TP701, TP702, TP703, TP704, TP705, TP706, TP707, TP708, TP709, TP710, TP711, TP712, TP713, TP714, TP715, TP716, TP717, TP718, TP719, TP720, TP721, TP722, TP723, TP724, TP725, TP726, TP727, TP728, TP729, TP730, TP731, TP732, TP733, TP734, TP735, TP736, TP737, TP738, TP739, TP740, TP741, TP742, TP743, TP744, TP745, TP746, TP747, TP748, TP749, TP750, TP751, TP752, TP753, TP754, TP755, TP756, TP757, TP758, TP759, TP760, TP761, TP762, TP763, TP764, TP765, TP766, TP767, TP768, TP769, TP770, TP771, TP772, TP773, TP774, TP775, TP776, TP777, TP778, TP779, TP780, TP781, TP782, TP783, TP784, TP785, TP786, TP787, TP788, TP789, TP790, TP791, TP792, TP793, TP794, TP795, TP796, TP797, TP798, TP799, TP800, TP801, TP802, TP803, TP804, TP805, TP806, TP807, TP808, TP809, TP810, TP811, TP812, TP813, TP814, TP815, TP816, TP817, TP818, TP819, TP820, TP821, TP822, TP823, TP824, TP825, TP826, TP827, TP828, TP829, TP830, TP831, TP832, TP833, TP834, TP835, TP836, TP837, TP838, TP839, TP840, TP841, TP842, TP843, TP844, TP845, TP846, TP847, TP848, TP849, TP850, TP851, TP852, TP853, TP854, TP855, TP856, TP857, TP858, TP859, TP860, TP861, TP862, TP863, TP864, TP865, TP866, TP867, TP868, TP869, TP870, TP871, TP872, TP873, TP874, TP875, TP876, TP877, TP878, TP879, TP880, TP881, TP882, TP883, TP884, TP885, TP886, TP887, TP888, TP889, TP890, TP891, TP892, TP893, TP894, TP895, TP896, TP897, TP898, TP899, TP900, TP901, TP902, TP903, TP904, TP905, TP906, TP907, TP908, TP909, TP910, TP911, TP912, TP913, TP914, TP915, TP916, TP917, TP918, TP919, TP920, TP921, TP922, TP923, TP924, TP925, TP926, TP927, TP928, TP929, TP930, TP931, TP932, TP933, TP934, TP935, TP936, TP937, TP938, TP939, TP940, TP941, TP942, TP943, TP944, TP945, TP946, TP947, TP948, TP949, TP950, TP951, TP952, TP953, TP954, TP955, TP956, TP957, TP958, TP959, TP960, TP961, TP962, TP963, TP964, TP965, TP966, TP967, TP968, TP969, TP970, TP971, TP972, TP973, TP974, TP975, TP976, TP977, TP978, TP979, TP980, TP981, TP982, TP983, TP984, TP985, TP986, TP987, TP988, TP989, TP990, TP991, TP992, TP993, TP994, TP995, TP996, TP997, TP998, TP999, TP1000).
- The diagram includes numerous components (e.g., resistors, capacitors, diodes, transistors, and integrated circuits) and their interconnections.
- The diagram is labeled "SST-2 (2/3)" and "EVO-9850(1)".

SERVO CONTROL SERVO CONTROL



SECTION 12

SEMICONDUCTOR PIN ASSIGNMENTS

ここに記載されている IC, トランジスタ, ダイオードは, それぞれの機能を等価的に表わしたものです。したがって互換性を表わすものではありません。(互換性のない型名が併記されている事もあります。)部品の交換をする時は, 別冊の補修部品表を参照して下さい。

ICs, transistors and diodes whoses functions are equivalent are described here. Therefore, incompatible device names may be described together. For parts replacement, refer to the Spare Parts section in this manual.

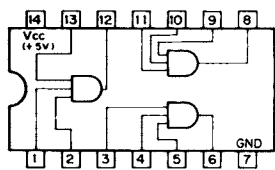
IC	PAGE	IC	PAGE	IC	PAGE
74F11SJ.....	12-3	HD14053BPF.....	12-31	SN74HC08ANS	12-38
74F32SJ.....	12-3			SN74HC109ANS	12-38
		LM2903PS	12-23	SN74HC139ANS	12-38
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		M5201FP.....	12-29	SN74HC163ANS	12-39
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CX20099	12-4	M54516F.....	12-29	SN74HC175ANS	12-40
CX20102	12-4	M54516P.....	12-29	SN74HC193ANS	12-40
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CX20158	12-4	MB88201HPF-539N....	12-29	SN74HC32ANS	12-40
CX23065A	12-4	MB88303.....	12-35	SN74HC36NS.....	12-40
CX877	12-5	MC10H116M	12-29	SN74HC541ANS	12-40
CXA1077M	12-5	MC14013BF	12-29	SN74HC574ANS	12-41
CXA1106M	12-5	MC14017BF	12-29	SN74HC74ANS	12-40
CXA1204Q.....	12-6	MC14049UBF.....	12-31	SN74HC86ANS	12-41
CXA1207AR	12-6	MC14052BF	12-31		
CXA1208R.....	12-8	MC14053BF	12-33	TA7357AP	12-41
CXA1234AR	12-9	MC14066BF	12-33	TA7733F	12-41
CXA1488R	12-10	MC14069UBF.....	12-36	TA7745F	12-41
CXA1536Q	12-11	MC14538BF	12-36	TC4030BFHB	12-41
CXD1066Q-Z	12-12	MC1496M	12-36	TC74HC123AF	12-42
CXD1077M	12-13	MC34184M.....	12-36	TC74HC221AF	12-42
CXD1095Q	12-14	MC3486N	12-36	TC74HC4053AF	12-42
CXD1175AM	12-13	MC3487N	12-36	TC74HC4538AF	12-42
CXD1176Q	12-16			TC74HC86AF	12-41
CXD1208Q	12-14	NJM2233BM	12-36	TL082CPS	12-42
CXD1216M	12-16	NJM4562M	12-37	TL431CLP	12-46
CXD1217M	12-18	NJM78L05A	12-37	TL431CPS	12-42
CXD1226Q	12-20			TL592PS	12-42
CXD1227Q	12-22	RC3414M	12-37	TL610CPS	12-43
CXD1228Q	12-24	RC4556MA	12-37	TMPZ84C011BF-6	12-44
CXD1229Q	12-17	RC4558M	12-37	TMS27C512-20JL	12-43
CXD2105AQ	12-26	RC4560M	12-37		
CXD2107M	12-19	RC7805FA	12-37	UPC1037HA	12-43
CXK1009P	12-21	RC78L05A	12-37	UPC311G2	12-43
CXK1206AM	12-27	RC79L05A	12-37	UPC324G2	12-43
CXK5864BM-12L	12-25			UPC339C.....	12-23
CXL5502M	12-19	S-80230AG	12-37	UPC358G2	12-43
CXP5084H-645Q	12-28	S-81230AG	12-37	UPC393G2	12-23
CXP80116	12-30	SN74ALS163BNS	12-38	UPD75106G	12-45
CXP80624	12-32	SN74HC00ANS	12-37	UPD75108G	12-45
		SN74HC02ANS	12-38	UPD7564CS	12-46
		SN74HC04ANS	12-38		

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2SA1175	12-47	1S2835	12-48
2SA1226	12-47	1S2837	12-48
2SA1385	12-47	1SS119	12-48
2SA1576	12-47	1SS123	12-48
2SA1611	12-47	1SS99	12-48
2SA812	12-47		
2SB1114	12-47	1T32	12-48
2SB1121	12-47	1T33C	12-48
2SB1188	12-47		
2SB841	12-47	D10LC20U	12-48
		D10SC4M	12-48
2SC1623	12-47	D3SB60	12-48
2SC1826	12-47	DAN202U	12-48
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2SC2712	12-47		
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2SC4178	12-47		
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		RD ? ? M	12-48
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DTA124XK	12-47	TLUG144	12-48
DTA143XS	12-47	TLUG154	12-48
DTA144EU	12-47	TLUY144	12-48
DTC124EU	12-47	TLY256.....	12-48
DTC144EK	12-47		
DTC144EU	12-47		
FMS1FE	12-47		
FMW1	12-47		

等価回路は IC メーカーの Data Book に従いました。

The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

74F11SJ (NS) FLAT PACKAGE
TTL 3-INPUT POSITIVE-AND GATE
- TOP VIEW -



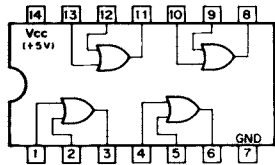
$$A \cdot B \cdot C = Y$$

$$Y = A \cdot B \cdot C = \overline{A+B+C}$$

A	B	C	Y
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	1

0: LOW LEVEL
1: HIGH LEVEL

74F32SJ (NS) FLAT PACKAGE
TTL 2-INPUT POSITIVE-OR GATE
- TOP VIEW -



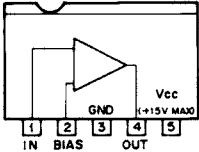
$$A + B = Y$$

$$Y = A + B = \overline{A \cdot B}$$

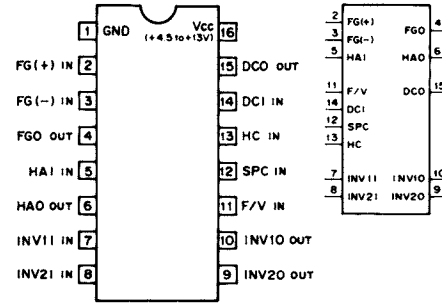
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0: LOW LEVEL
1: HIGH LEVEL

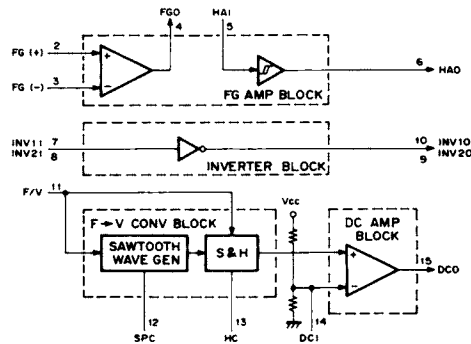
BA401 (ROHM)
RF AMPLIFIER
- SIDE VIEW -



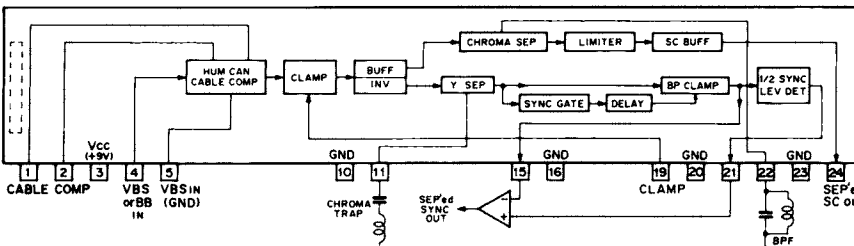
BA6303F (ROHM) FLAT PACKAGE
FG SYSTEM SPEED SERVO CONTROLLER
- TOP VIEW -



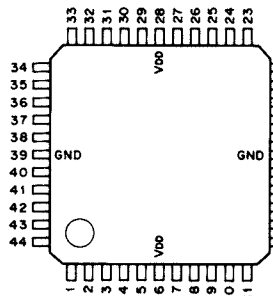
DCI : DC AMP FEED BACK INPUT
DCO : DC AMP OUTPUT
FG (+), (-) : FG AMP INPUT
F/V : FREQUENCY → VOLTAGE CONVERTER INPUT
HAI : HYSTERESIS AMP INPUT
HAO : HYSTERESIS AMP OUTPUT
HC : HOLDING CAPACITY INPUT
INV11, 21 : INVERTER INPUT
INV10, 20 : INVERTER OUTPUT
SPC : SPEED CONTROL INPUT



BX1040 (SONY)
SYNC SEPARATOR
- REAR VIEW -



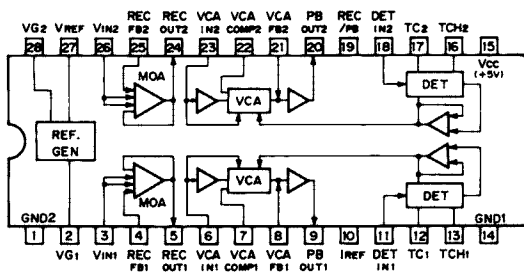
CF77309FR (TI)
C-MOS TIMING GENERATOR FOR 8mm VTR ADDRESS SYSTEM
- TOP VIEW -



(V_{DD} = +5V)

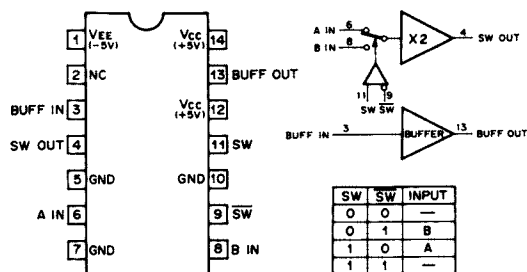
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	IEAR	12	I	CSMT	23	O	LCLK	34	I	RAMP
2	O	SIEAR	13	I	CRCMON1	24	O	SW POS	35	O	S RAMP
3	I	RFMDZ	14	I	FMCK	25	I	CAM/DECK	36	I	RAREA
4	O	S RFMD	15	I	P1/P2	26	I	MODE	37	O	S RARE
5	I	RFAR	16	I	AUTO	27	I	WRITE	38	I	DRSWP
6	-	V _{DD}	17	-	GND	28	-	V _{DD}	39	-	GND
7	O	S RFAR	18	I	MCLK1	29	I	RESET	40	O	S DRSWP
8	I	FERA	19	O	MCLK2	30	I	RFSWP	41	I	MDAR
9	O	S FERA	20	I	SREF	31	O	OUT CNT	42	O	S MDAR
10	I	FERS	21	O	PCO	32	O	SET 1	43	I	TEST 1
11	O	S FERS	22	I	NTSC/PAL	33	O	SET1010	44	I	TEST 2

CX20099 (SONY) FLAT PACKAGE
VOLTAGE CONTROLLED AMP/DETECTOR/MAIN OPERATIONAL AMP
- TOP VIEW -



DET ; DETECTOR
TC ; TIME CONSTANT
TCH ; TIME CONSTANT HOLD
VCA ; VOLTAGE CONTROLLED AMP

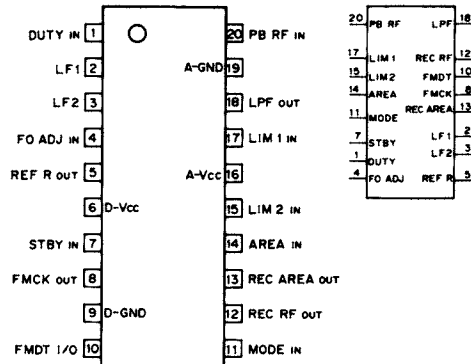
CX20158 (SONY) FLAT PACKAGE
VIDEO SWITCHER AND BUFFER
- TOP VIEW -



SW	SW	INPUT
0	0	-
0	1	B
1	0	A
1	1	-

0; LOW LEVEL
1; HIGH LEVEL
-; INDEFINITE

CX20102 (SONY) FLAT PACKAGE
PCM-RF SIGNAL PROCESSOR
- TOP VIEW -



A - V_{CC} = D - V_{CC} = +4.75 to +5.25V

INPUT	MODE	AREA	OPERATION
0	X	X	POWER SAVE
1	1	X	PB
1	0	1	REC
1	0	0	REC STANDBY

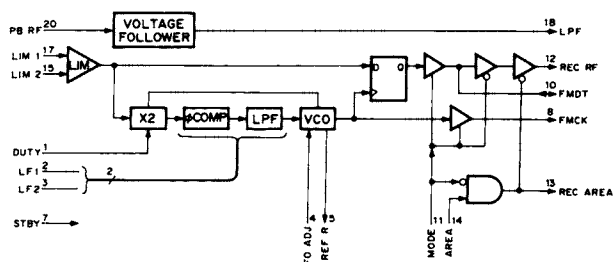
0 : LOW LEVEL
1 : HIGH LEVEL
X : DONT CARE

INPUT
AREA : AREA INPUT (C MOS LEVEL)
DUTY : SAMPLING PHASE FINE ADJUSTMENT
FO ADJ : VCO FREE RUN FREQUENCY ADJUSTMENT
LIM 1, 2 : LIMITER INPUT
MODE : REC/PB SELECTOR (C MOS LEVEL)
PB RF : VOLTAGE FOLLOWER INPUT
STBY : POWER SAVE CONTROL INPUT
L : STAND BY (C MOS LEVEL)

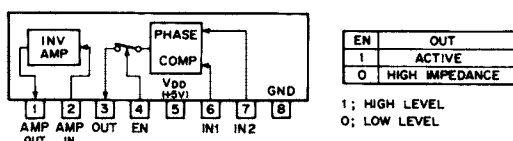
OUTPUT
FMCK : CLOCK OUTPUT
LPF : VOLTAGE FOLLOWER OUTPUT
REC AREA : REC AREA OUTPUT (C MOS LEVEL)
REC RF : REC MODE RF OUTPUT (C MOS LEVEL)
REF R : RESISTOR EXTERNAL ATTACHED VCO

INPUT/OUTPUT
FMDT (+5V) : DATA INPUT/OUTPUT

OTHER
LF1, 2 : EXTERNAL LOOP FILTER TIME CONSTANT



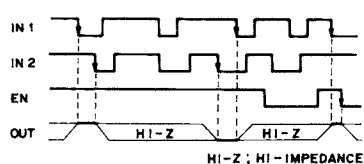
CX23065A (SONY)
N-MOS PHASE COMPARATOR WITH INVERSION AMPLIFIER
- PRINTED SIDE VIEW -



EN	OUT
1	ACTIVE
0	HIGH IMPEDANCE

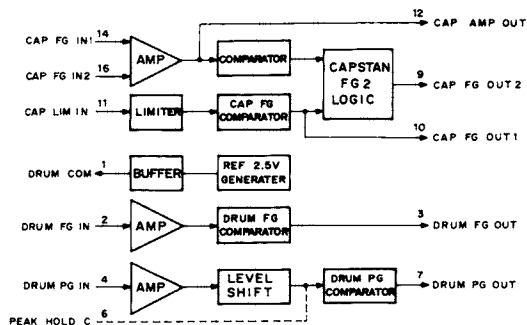
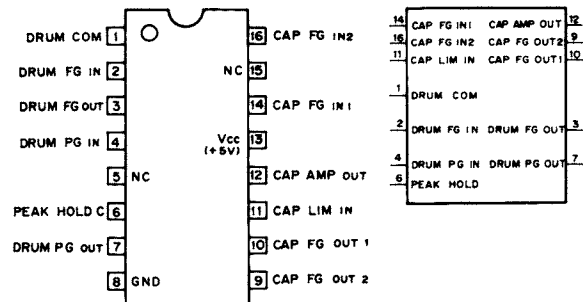
1; HIGH LEVEL
0; LOW LEVEL

TIMING CHART



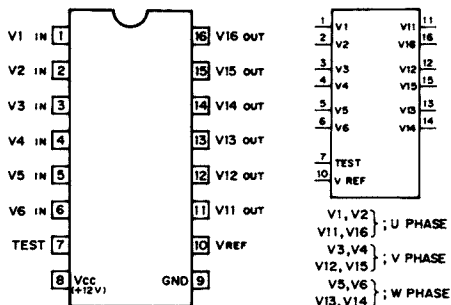
CX20115A (SONY) FLAT PACKAGE

MOTOR SENSE AMP - TOP VIEW -

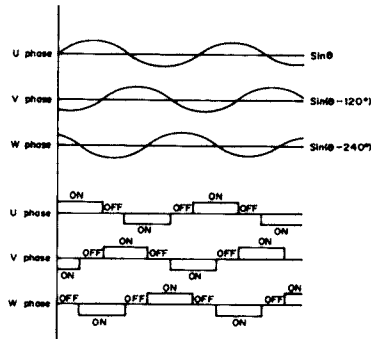


CX877 (SONY)

MOTOR DRIVER - TOP VIEW -

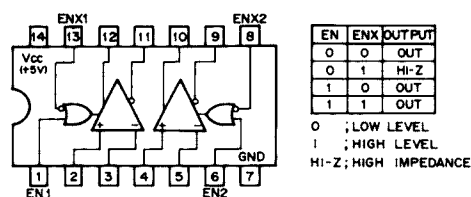


TIMING CHART



CXA1077M (SONY)

DUAL DIFFERENTIAL PRE-AMPLIFIER - TOP VIEW -

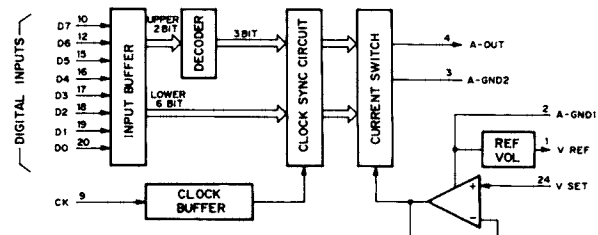
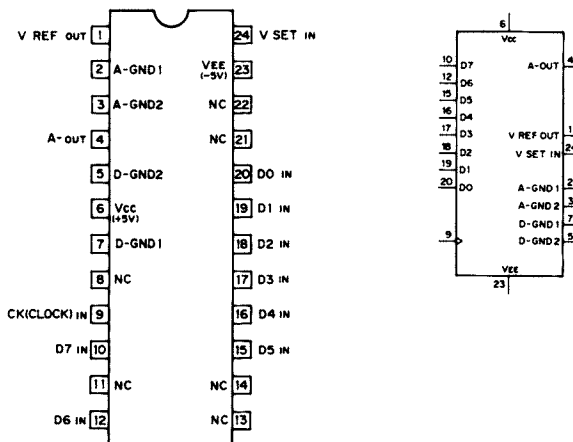


EN	ENX	OUTPUT
0	0	OUT
0	1	HI-Z
1	0	OUT
1	1	OUT

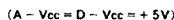
0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE

CXA1106M (SONY) FLAT PACKAGE

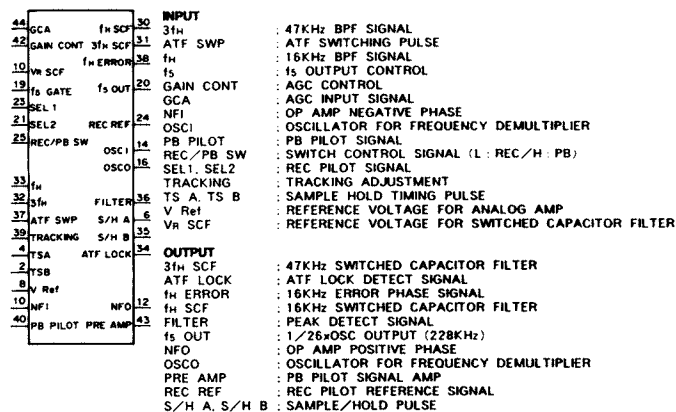
8-BIT D/A CONVERTER (TTL INPUT) - TOP VIEW -



C-MOS ATF (Automatic Track Finding) FOR 8mm VTR
- TOP VIEW -

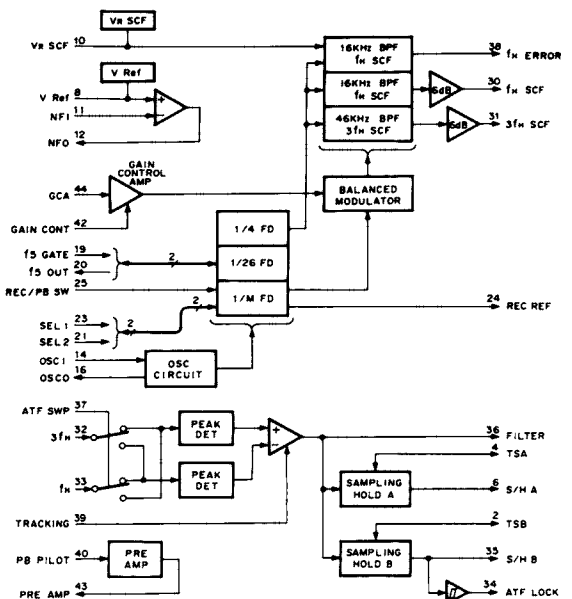


PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	—	A-GND	16	O	OSCO	31	O	3 rd SCF
2	I	TSB	17	—	SUB-GND	32	I	3 th
3	—	NC	18	—	D-GND	33	I	IN
4	I	TSA	19	I	1 _s GATE	34	O	ATF LOCK
5	—	NC	20	O	1 _s OUT	35	O	S/H B
6	O	S/H A	21	I	SEL2	36	O	FILTER
7	—	NC	22	—	NC	37	I	ATF SWP
8	I	VREF	23	I	SEL1	38	O	IN ERROR
9	—	NC	24	O	REC REF	39	I	TRACKING
10	I	V _s SCF	25	I	REC/PB SW	40	I	PB PILOT
11	I	NFI	26	—	NC	41	—	NC
12	O	NFO	27	—	D-Vcc	42	I	GAIN CONT
13	—	A-GND	28	—	A-Vcc	43	O	PRE AMP
14	I	OSCI	29	—	NC	44	I	GCA
15	—	NC	30	O	IN SCF			



INPUT		DIVIDING RATIO
SEL1	SEL2	
0	0	1/40
0	1	1/50
1	0	1/36
1	1	1/58

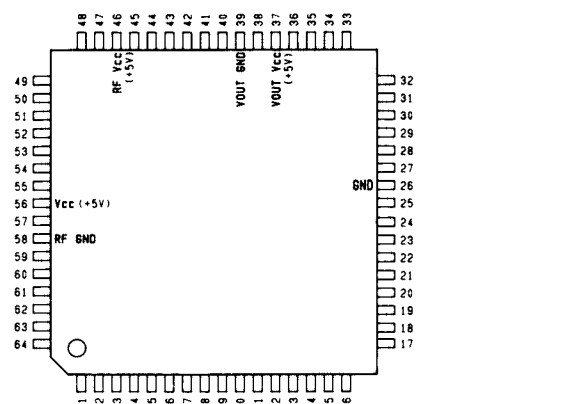
0 : LOW LEVEL (up to 0.5V)
1 : HIGH LEVEL (at least 3.5V)



NOTE: FD; FREQUENCY DEMULTIPLIER
SCF; SWITCHED CAPACITOR FILTER

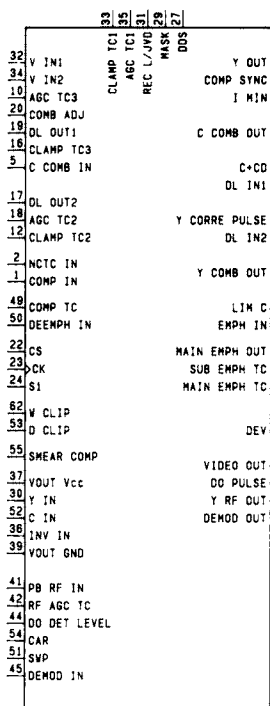
8mm VTR LUMINANCE SIGNAL PROCESSING

- TOP VIEW -



($V_{CC} = +5V$)

Pin No	I/O	SIGNAL	Pin No	I/O	SIGNAL	Pin No	I/O	SIGNAL	Pin No	I/O	SIGNAL
1	I	COMP IN	17	I	DL OUT2	33	I	CLAMP TC1	49	I	COMP TC
2	I	NCTC IN	18	I	AGC TC2	34	I	V IN2	50	I	DEEMPH IN
3	I	EMPH IN	19	I	DL OUT1	35	I	ASC TC1	51	I	SWP
4	I	LIN C	20	I	COMB ADJ	36	I	INV IN	52	I	C IN
5	I	C COMB IN	21	0	DL IN1	37	—	VOUT Vcc	53	I	D CLIP
6	—	VREG	22	I	CS	38	0	VIDEO OUT	54	I	CAR
7	0	Y COMB OUT	23	I	CK	39	—	VOUT GND	55	I	SNEAR COMP
8	—	IR	24	I	S1	40	I	I MIN	56	—	Vcc
9	0	Y GORRE PULSE	25	I	COMP SYNC	41	I	PB RF IN	57	I	DEV
10	I	ASC TC3	26	—	GND	42	I	RF ASC TC	58	—	RF GND
11	0	C*CD	27	I	DOS	43	0	Y RF OUT	59	0	MAIN EMPH TO
12	I	CLAMP TC2	28	0	Y OUT	44	I	DO DET LEVEL	60	—	VG1
13	0	C COMB OUT	29	I	MASK	45	I	DEMOD IN	61	0	MAIN EMPH TO
14	—	VREF	30	I	Y	46	—	RF VCC	62	I	V CLIP
15	0	DL IN2	31	I	REC L/JVD	47	0	DEMOD OUT	63	0	SUB EMPH TC
16	I	CLAMP TC3	32	I	V IN1	48	0	DO PULSE	64	—	VG2



INPUT

AGC TC1: TIME CONSTANT CONNECT FOR 1/0 BLOCK AGC CIRCUIT.

AGC TC2, TC3: TIME CONSTANT CONNECT FOR VCA CIRCUIT IN COMB FILTER BLOCK.

C COMB IN: CHROMA INPUT SIGNAL TO COMB FILTER.

CLAMP TC1-TC3: TIME CONSTANT CONNECT FOR FEEDBACK CLAMP CIRCUIT.

COMB ADJ: VCA GAIN ADJUSTMENT PIN IN COMB FILTER BLOCK.

DL OUT1: APPLIES EXTERNAL TIME CONSTANT CONNECT FOR NOISE CANCELER HPF.

DL OUT2: APPLIES EXTERNAL TIME CONSTANT CONNECT FOR CLIP COMP CIRCUIT.

CLAMP TC3: CHIP SELECT.

C COMB IN: DARK CLIP LEVEL DETERMINES.

C COMB OUT: DEEMPHASIS CIRCUIT INPUT.

DL IN1: FM-DEMODULATION CIRCUIT INPUT.

DL IN2: DDS (DATE DISPLAY SYSTEM) VOW (CHARACTER LEVEL) SIGNAL INPUT.

DO DET LEVEL: CCD DL (DELAY LINE) OUTPUT SIGNAL INPUT.

EMPH IN: DROP-OUT DETECTION LEVEL DETERMINES.

INV IN: EMPHASIS INPUT WHEN REC NOISE CANCELER OUT WHEN PB.

MAIN EMPH TC: INVERTED INPUT FOR Y SAG CORRECTION.

MAIN EMPH OUT: CAPACITOR CONNECT FOR LITTER IN PLAYBACK Y COMB BLOCK.

DEEMPH IN: TIME CONSTANT CONNECT FOR MAIN EMPHASIS/DEEMPHASIS.

DEEMPH OUT: AND MAIN DEEMPHASIS OUTPUTS EMPHASIZED.

CS: MASK TIMING PULSE INPUT FOR YOB (CHARACTER SUPERIMPOSE).

CK: MASK TIMING PULSE INPUT FOR YOB (CHARACTER SUPERIMPOSE).

S1: LEVEL ADJUSTMENT WHEN REC.

W CLIP: TIME CONSTANT CONNECT FOR RF AGC CIRCUIT.

D CLIP: RF SIGNAL INPUT.

SNEAR COMP: USE FOR HIGH LUMINANCE SNEAR COMPENSATION.

SUB EMPH TC: TIME CONSTANT CONNECT FOR SUB EMPHASIS/DEEMPHASIS.

SWP: RF SWITCHING PULSE AND HEAD CHANGE PULSE.

V IN1, V IN2: VIDEO SIGNAL INPUTS.

Y REG: 4.2 V REGULATOR OUTPUT PIN.

W CLIP: WHITE CLIP LEVEL DETERMINES.

Y IN: Y SIGNAL OR VIDEO SIGNAL INPUT.

OUTPUT

C+CD: Y AND C SIGNALS PROCESSED BY Y COMB FILTER.

C COMB OUT: C SIGNAL PROCESSED BY COMB FILTER.

COMP SYNC: COMPOSITE SYNC SIGNAL.

DEMOD OUT: FM-DEMODULATED Y SIGNAL OUTPUT.

DEV: DEVIATION FREQUENCY SET.

DL IN1: SIGNAL OUT TO CCD DL.

DL IN2: PLAYBACK Y SIGNAL OUTPUT TO CCD DL.

DO PULSE: IN THE SYSTEM THAT TWO CCD DL ARE USED.

I MIN: DROP-OUT DETECTION PULSE.

VIDEO OUT: EXTERNAL REFERENCE CURRENT SOURCE.

Y CORRE PULSE: VIDEO OUT.

Y CORRE PULSE: 4.2V REGULATOR OUTPUT.

Y OUT: Y SIGNAL PROCESSED BY COMB FILTER.

Y RF OUT: ERROR PULSE FOR Y SIGNAL CORRELATION DETECTION.

Y RF OUT: I/O BLOCK SIGNAL.

Y RF OUT: FM-MODULATED Y SIGNAL OUT.

OTHER

IR: REFERENCE CURRENT SOURCE.

RF GND: RF BLOCK GND PIN.

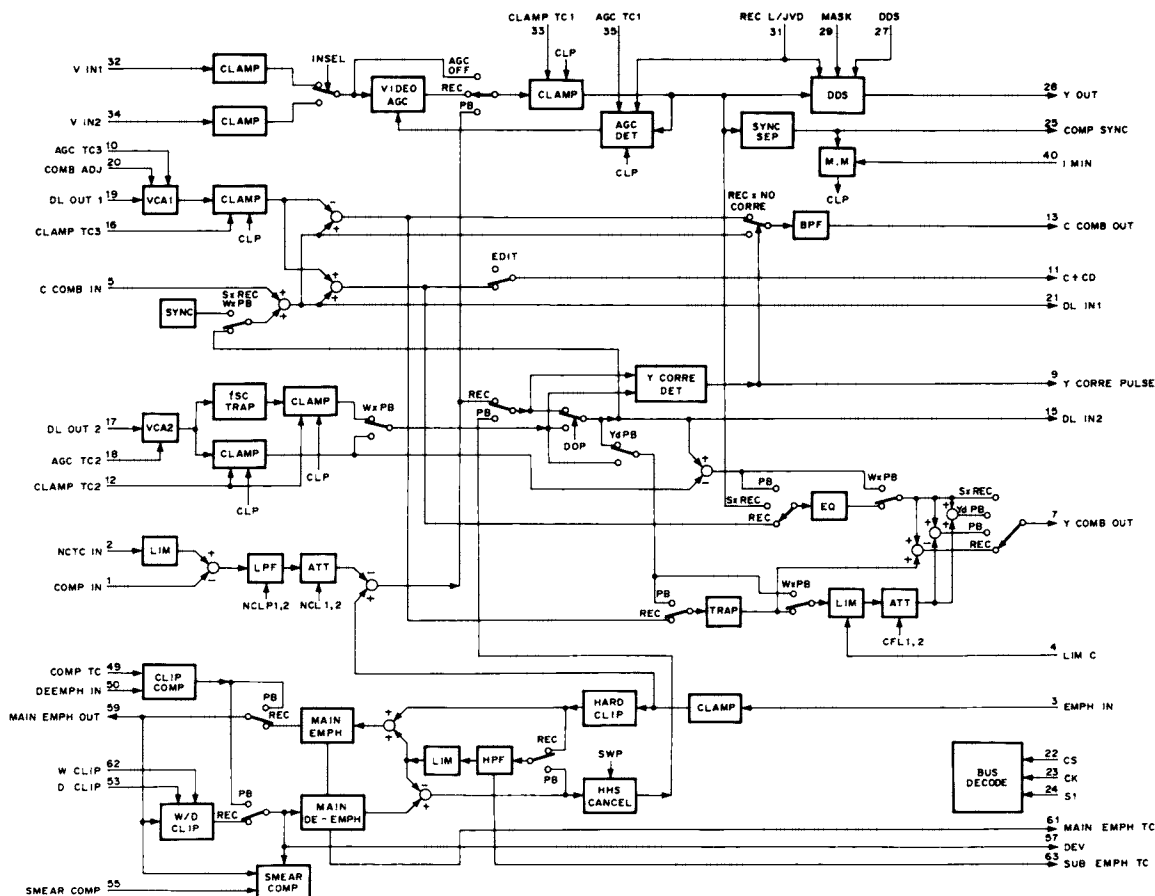
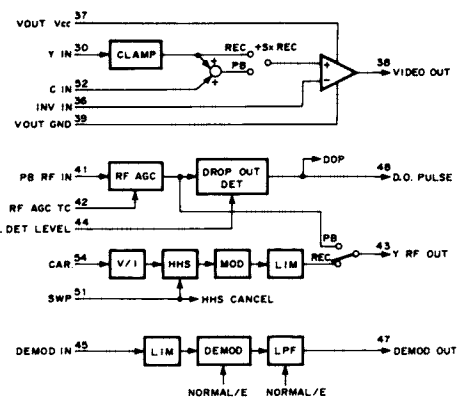
RF VCC: RF BLOCK POWER SUPPLY FOR RF BLOCK.

V61, V62: INTERNAL REFERENCE VOLTAGE SOURCE.

VOUT VCC: POWER SUPPLY FOR VIDEO OUT CIRCUIT.

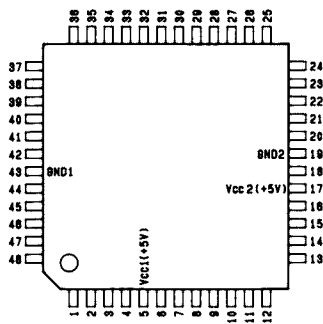
VOUT GND: GND FOR VIDEO OUT CIRCUIT.

VREF: INTERNAL REFERENCE VOLTAGE SOURCE.



CX1208R (SONY)

8mm VTR COLOR SIGNAL PROCESSING
- TOP VIEW -



No	I/O	SYMBOL	No	I/O	SYMBOL	No	I/O	SYMBOL
1	I	DOP	17	-	Vcc2	33	I	PB
2	0	CF1	18	I	Y CORR P	34	I	BPF OUT
3	0	BF OUT	19	-	GND2	35	0	ACKBF
4	I	CF2	20	I	CT1	36	0	PB CONV OUT
5	-	Vcc1	21	I	CT2	37	I	C MUTE
6	-	IREF	22	0	ACC OUT	38	0	C OUT
7	-	VREG	23	-	-	39	I	C SEL
8	I	XTAL IN	24	0	B ENPH OUT	40	0	REC C OUT
9	-	IR	25	I	SP LP SEL	41	I	PAL
10	0	XTAL OUT	26	-	C ENPH 2	42	I	PB C RF IN
11	I	JOG	27	I	BDECONT	43	-	GND1
12	0	FSC OUT	28	-	C ENPH 1	44	I	EXT C IN
13	I	TEST	29	I	PAOCSEL	45	0	VCO OUT
14	-	APCFL	30	I	RPBC	46	I	C SYNC
15	-	DCFB	31	I	ACKSEL	47	I	SWP
16	-	AFCFL	32	0	FBC OUT	48	-	HHK C

INPUT

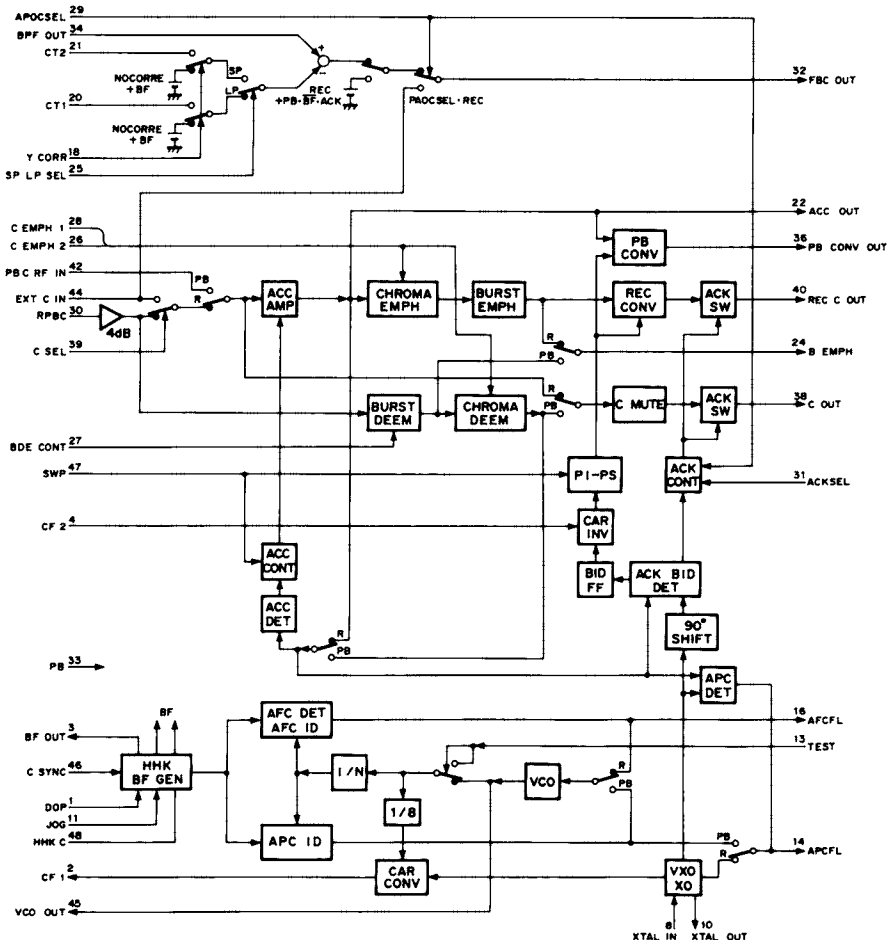
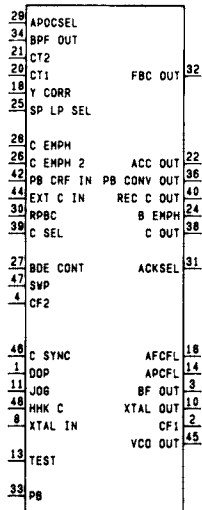
- ACK SEL : ACK SW MODE SELECT.
- B DE CONT : ADJUSTS BURST DEEMPHASIS AMOUNT WHEN PB.
- BPF OUT : FILTERED SIGNAL AFTER FREQUENCY CONVERT WHEN PB.
- C MUTE : COLOR SIGNAL MUTE SELECT.
- C SEL : CHROMA SIGNAL INPUT SELECT WHEN REC.
- C SYNC : COMPOSITE SYNC.
- CF2 : CF1 SIGNAL FILTERED BY BPF (NTSC : 4.32 MHz/PAL : 5.17 MHz).
- CT1 : CROSSTALK (C+CD) SIGNAL FROM CX1207A WHEN SP AND LP SEL IS LOW (LP).
- CT2 : CROSSTALK (C+CD) SIGNAL FROM CX1207A WHEN SP AND LP SEL IS HIGH.
- DOP : DROPOUT DETECTION PULSE INPUT.
- EXT C IN : CHROMA RF SIGNAL WHEN REC.
- JOG : CONTROL FOR JOG PLAYBACK.
- PA0 C SEL : SETTING WHEN CAMERA REC.
- PAL : PAL SELECT (H : PAL, L : NTSC).
- PB : REC/PB MODE SELECT (H : PB, L : REC).
- PB C RF IN : CHROMA RF SIGNAL WHEN PB.
- R PB C : CHROMA SIGNAL.
- SP/LP SEL : SP/LP SELECT.
- SWP : RF SW PULSE.
- TEST : TEST MODE.
- XTAL IN : REFERENCE INPUT FOR CRYSTAL OSC.
- Y CORR P : Y SIGNAL H CORRELATED PULSE FROM CX1207A.

OUTPUT

- ACC OUT : ACC AMP OUTPUT.
- ACK BF : BF PULSE WHEN ACK.
- B ENPH OUT : CHROMA/EMPHASIS BURST SIGNAL (WHEN REC).
- BURST DEEMPHASIS SIGNAL (WHEN PB).
- BF OUT : BURST FLAG.
- C OUT : CHROMA SIGNAL WHEN PB.
- CF1 : CARRIER CONVERTER SIGNAL.
- FBC OUT : CHROMA SIGNAL.
- FSC OUT : fsc & DELAY LINE CLOCK.
- PB CONV OUT : FREQUENCY CONVERTED CHROMA SIGNAL WHEN PB.
- REC C OUT : FREQUENCY CONVERTED CHROMA SIGNAL WHEN REC.
- VCO OUT : 378/H (5.9MHz) : NTSC.
- VREG : 4.2V REGULATOR.
- XTAL OUT : REFERENCE OUTPUT FOR CRYSTAL OSC.

OTHER

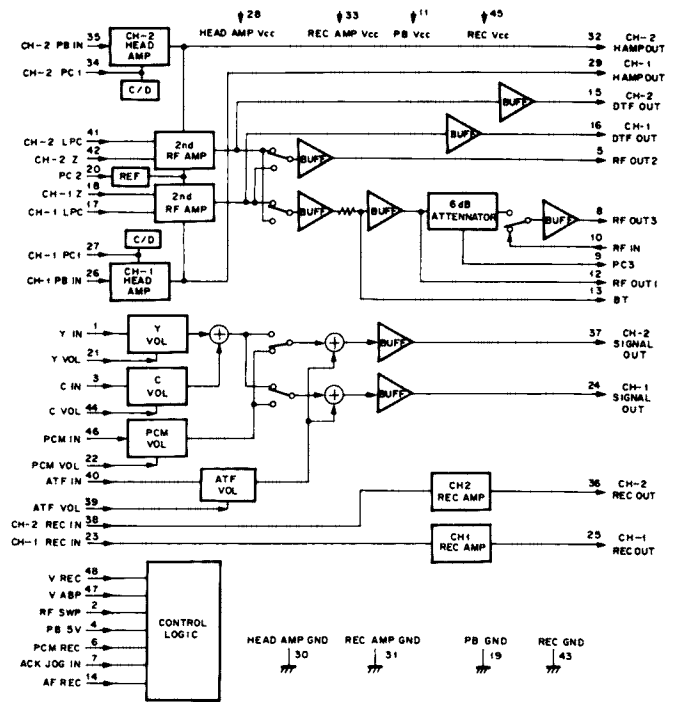
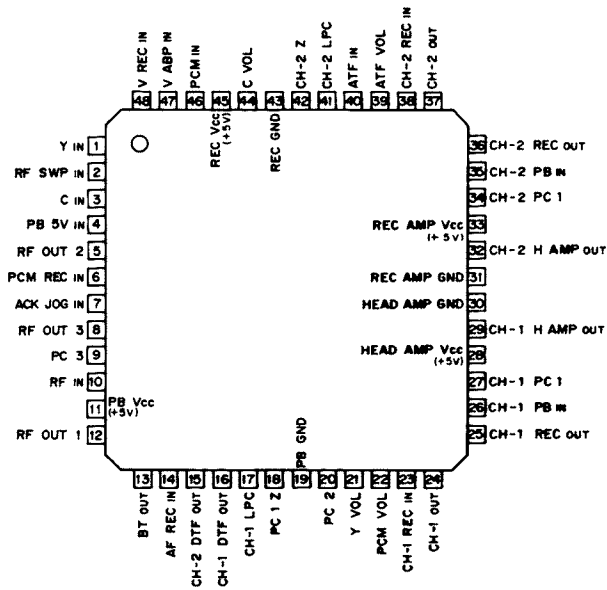
- AFC FL : CONNECT FILTER FOR AFC.
- APC FL : CONNECT FILTER FOR APC.
- C ENPH 1 : CONNECT BPF CHROMA EMPHASIS.
- C ENPH 2 : CONNECT CHROMA EMPHASIS PHASE ADJUSTMENT COIL.
- DCFB : CONNECT FILTER FOR VCO NO ADJUSTMENT.
- HHK C : CONNECT TIME CONSTANT FOR C SYNC EQUIVALENT PULSE.
- IR : CONNECT FOR DECOUPLING.
- IREF : EXTERNAL REFERENCE CURRENT.



CXA1234AR (SONY) FLAT PACKAGE

VIDEO RF REC/PB AMPLIFIER

- TOP VIEW -



INPUT

- ACK JOG IN : VIDEO/RF SELECT FOR RF OUT 3
- AF REC : AFTER RECODING MODE
- ATF IN : REC ATF SIGNAL INPUT
- ATF VOL : REC ATF GAIN CONTROL
- C IN : REC CHROMA INPUT
- CH-1 PB IN : CH-1 HEAD AMP INPUT
- CH-1 REC IN : CH-1 REC AMP INPUT
- CH-2 PB IN : CH-2 HEAD AMP INPUT
- CH-2 REC IN : CH-2 REC AMP INPUT
- C VOL : REC CHROMA GAIN CONTROL
- PB 5V : PB ON/OFF CONTROL
- PCM IN : REC PCM SIGNAL INPUT
- PCM REC : PCM AUDIO RECORDING MODE
- PCM VOL : REC PCM GAIN CONTROL
- RF IN : VIDEO INPUT FOR RF OUT 3
- RF SWP IN : RF SWITCHING PULSE INPUT
- V ABP IN : OVER LAP RECORDING MODE INPUT
- V REC IN : VIDEO RECORDING MODE INPUT
- Y IN : REC Y INPUT
- Y VOL : REC Y GAIN CONTROL

OUTPUT

- BT : BIAS TRAP FILTER
- CH-1 OUT : REC CH-1 OUTPUT
- CH-1 DTF OUT : DTF CH-1 OUTPUT
- CH-1 H AMP OUT : CH-1 HEAD AMP OUTPUT
- CH-1 REC OUT : CH-1 REC AMP OUTPUT
- CH-2 OUT : REC CH-2 OUTPUT
- CH-2 DTF OUT : DTF CH-2 OUTPUT
- CH-2 H AMP OUT : CH-2 HEAD AMP OUTPUT
- CH-2 REC OUT : CH-2 REC AMP OUTPUT
- RF OUT 1 : RF OUTPUT FOR VIDEO
- RF OUT 2 : RF OUTPUT FOR PCM
- RF OUT 3 : RF OUTPUT

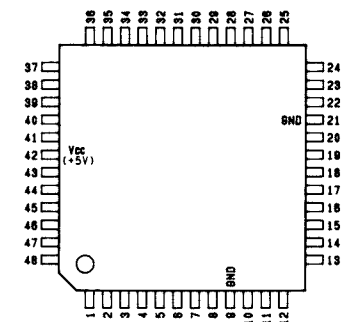
OTHERS

- CH-1 LPC : BYPASS CAPACITOR FOR CH-1 HEAD AMP
- CH-1 PC1 : BYPASS CAPACITOR FOR CH-1 HEAD AMP
- CH-1 Z : LCR RESONANCE CIRCUIT
- CH-2 LPC : BYPASS CAPACITOR FOR CH-2 2nd RF AMP
- CH-2 PC1 : BYPASS CAPACITOR FOR CH-2 HEAD AMP
- CH-2 Z : LCR RESONANCE CIRCUIT
- PC 2 : BYPASS CAPACITOR
- PC 3 : BYPASS CAPACITOR FOR ATTENUATOR

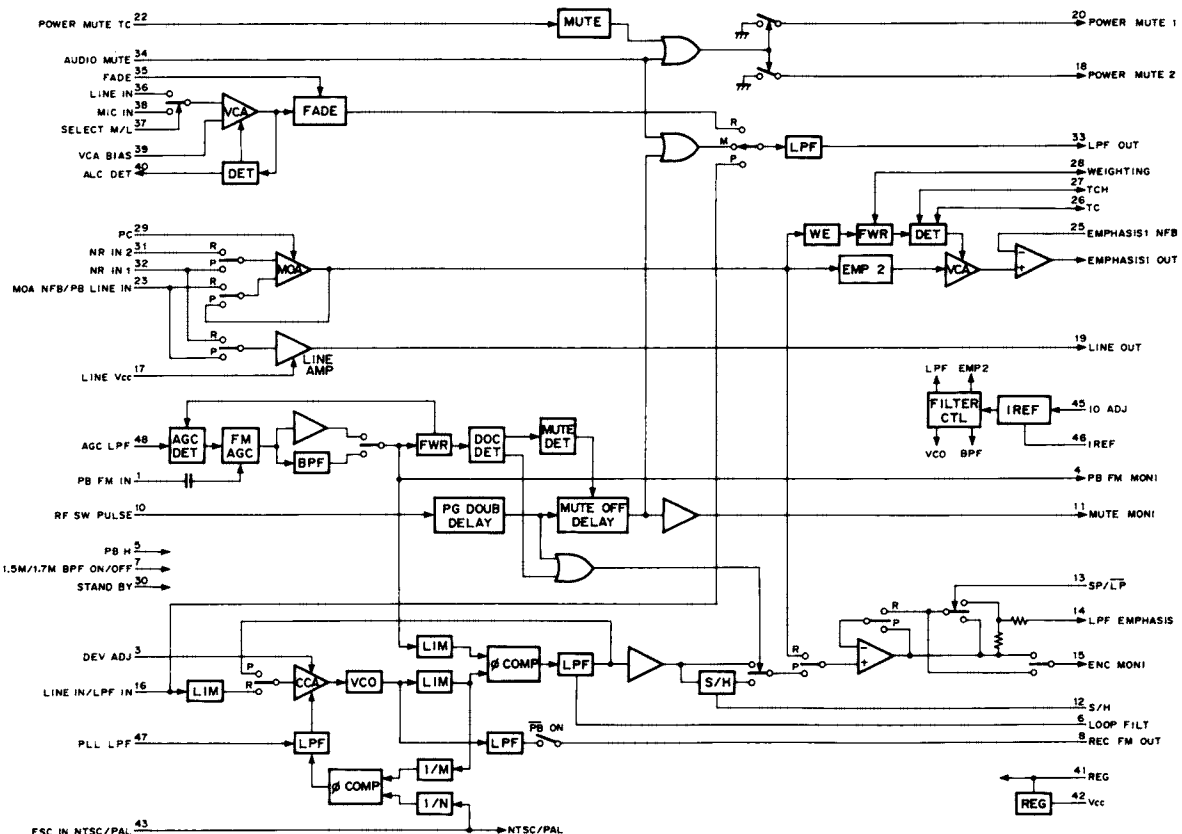
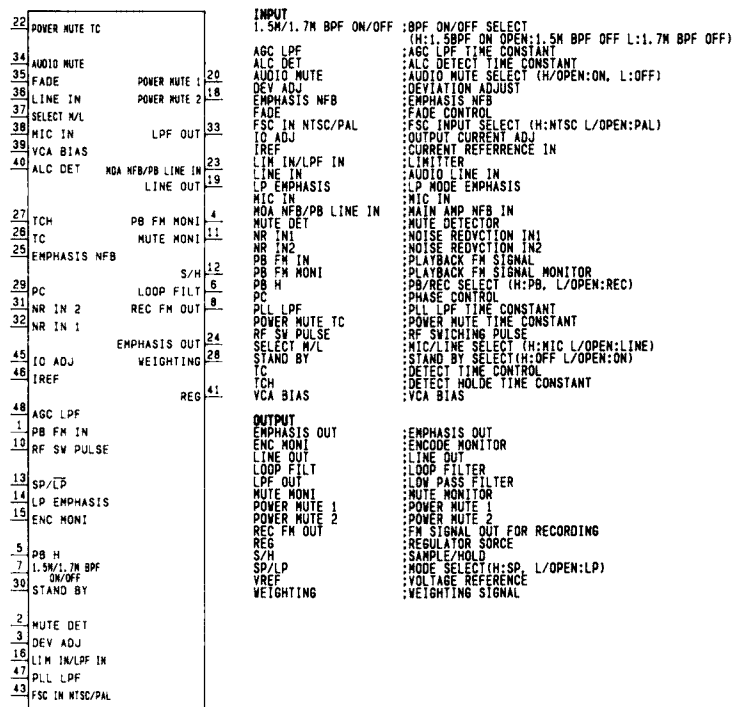
CXA1488R (SONY)

AFM SIGNAL PROCESSOR FOR 8mm VTR

- TOP VIEW -

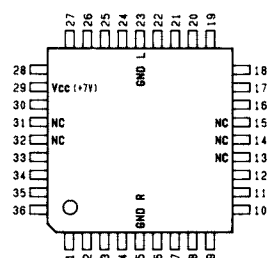


No	I/O	SIGNAL	No	I/O	SIGNAL	No	I/O	SIGNAL	No	I/O	SIGNAL
1	I	PB FM IN	13	I	SP/LP	25	I	EMPHASIS NFB	37	I	SELECT M/L
2	I	MUTE DET	14	I	LP EMPHASIS	26	I	TC	38	I	MIC IN
3	I	DEV ADJ	15	I	ENC MONI	27	I	TCH	39	I	VCA BIAS
4	O	PB FM MONI	16	I	LIM IN/LPF IN	28	O	WEIGHTING	40	I	ALC DET
5	I	PB H	17	-	LINE Vcc	29	I	PC	41	O	REG
6	O	LOOP FILT	18	O	POWER MUTE 2	30	I	STAND BY	42	-	Vcc
7	I	1.5M/1.7M BPF ON/OFF	19	O	LINE OUT	31	I	NR IN 2	43	I	FSC IN NTSC/PAL
8	O	REC FM OUT	20	O	POWER MUTE 1	32	I	NR IN 1	44	-	VREF
9	-	GND	21	-	GND	33	O	LPF OUT	45	I	IO ADJ
10	I	RF SV PULSE	22	I	POWER MUTE TC	34	I	AUDIO MUTE	46	I	IREF
11	O	MUTE MONI	23	O	MOA NFB/PB LINE IN	35	I	FADE	47	I	PLL LPF
12	O	S/H	24	O	EMPHASIS OUT	36	I	LINE IN	48	I	AGC LPF

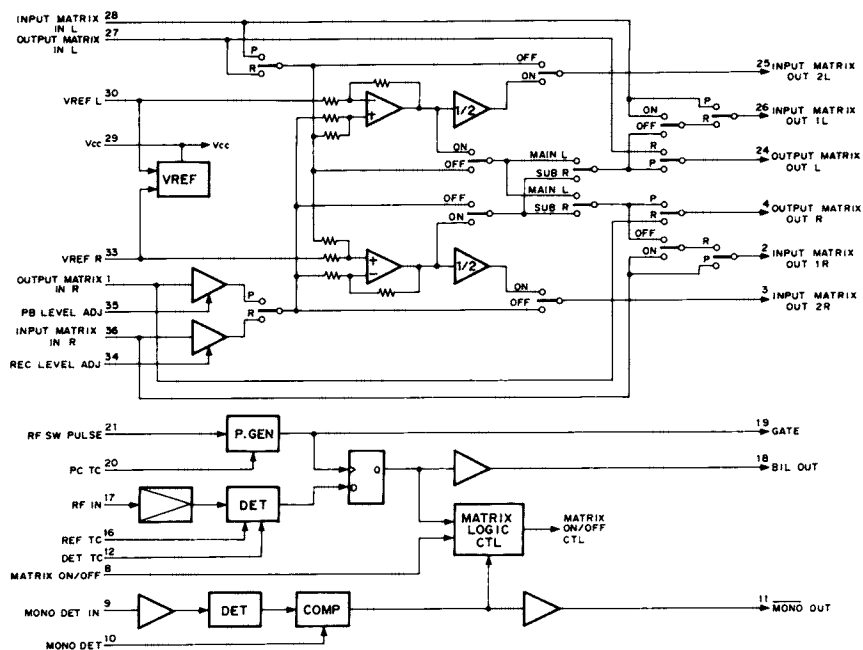
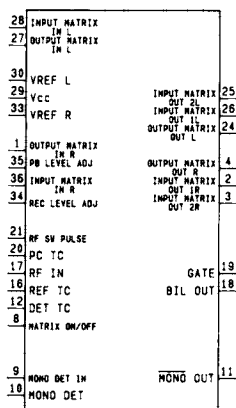


CXA1536Q (SONY)

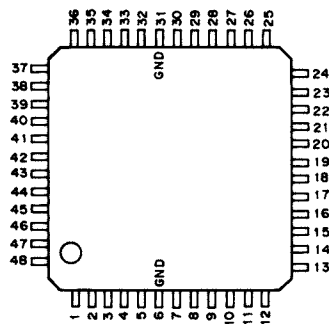
AFM STEREO MATRIX FOR 8mm VTR
- TOP VIEW -



No	I/O	SIGNAL	No	I/O	SIGNAL	No	I/O	SIGNAL
1	I	OUTPUT MATRIX IN R	13	-	NC	25	I	INPUT MATRIX OUT 2L
2	I	INPUT MATRIX OUT 1R	14	-	NC	26	I	INPUT MATRIX OUT 1L
3	I	INPUT MATRIX OUT 2R	15	-	NC	27	I	OUTPUT MATRIX IN L
4	O	OUTPUT MATRIX OUT R	16	O	REF TC	28	I	INPUT MATRIX IN L
5	-	GND R	17	O	RF IN	29	I	Vcc (+7V)
6	O	SELECT 1	18	O	BIL OUT	30	I	VREF L
7	I	SELECT 2	19	O	GATE	31	-	NC
8	O	MATRIX ON/OFF	20	-	PC TC	32	-	NC
9	-	MONO DET IN	21	-	RF SW PULSE	33	I	VREF R
10	I	MONO DET	22	I	PB/REC	34	I	REC LEVEL ADJ
11	O	MONO OUT	23	-	GND L	35	I	PB LEVEL ADJ
12	O	DET TC	24	O	OUTPUT MATRIX L	36	O	INPUT MATRIX IN R

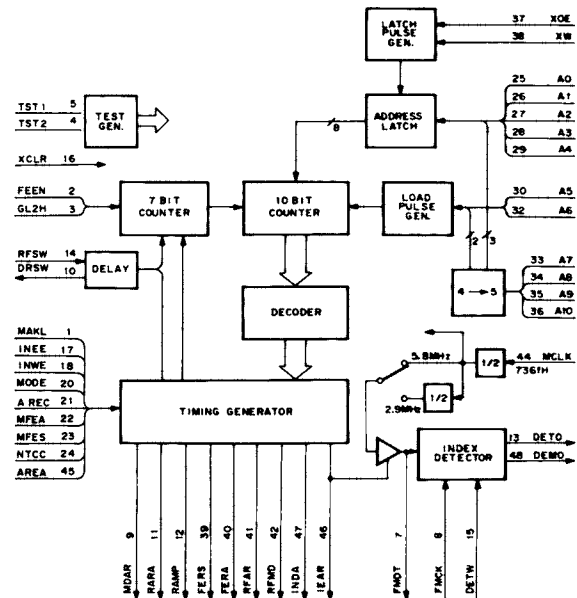


CXD1066Q-Z (SONY)
C-MOS PCM AUDIO INDEX TIMING GENERATOR
- TOP VIEW -



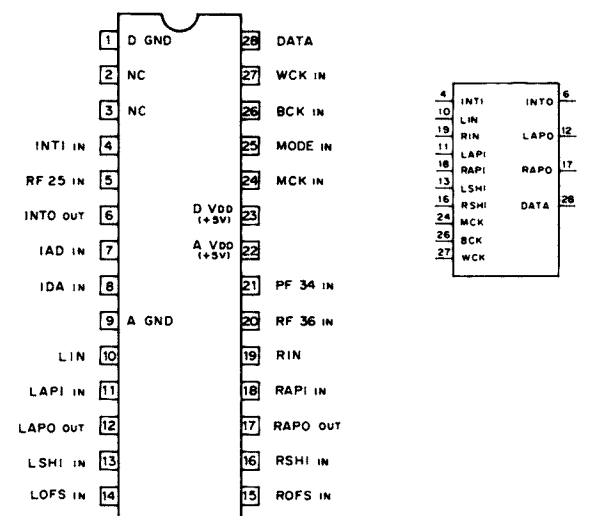
(V_{DD} = +5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	MAKL	13	O	DETO	25	I	A0	37	I	XOE
2	I	FEEN	14	I	RFSW	26	I	A1	38	I	XW
3	I	GL2H	15	I	DETW	27	I	A2	39	O	FERS
4	I	TST2	16	I	XCLR	28	I	A3	40	O	FERA
5	I	TST1	17	I	INEE	29	I	A4	41	O	RFAR
6	-	GND	18	I	INWE	30	I	A5	42	O	RFMD
7	I/O	FMDT	19	-	V _{DD}	31	-	GND	43	-	V _{DD}
8	I	FMCK	20	I	MODE	32	I	A6	44	I	MCLK
9	O	MDAR	21	I	AREC	33	I	A7	45	I	AREA
10	O	DRSW	22	I	MFEA	34	I	A8	46	O	IEAR
11	O	RARA	23	I	MFES	35	I	A9	47	O	INDA
12	O	RAMP	24	I	NTCC	36	I	A10	48	O	DEMO



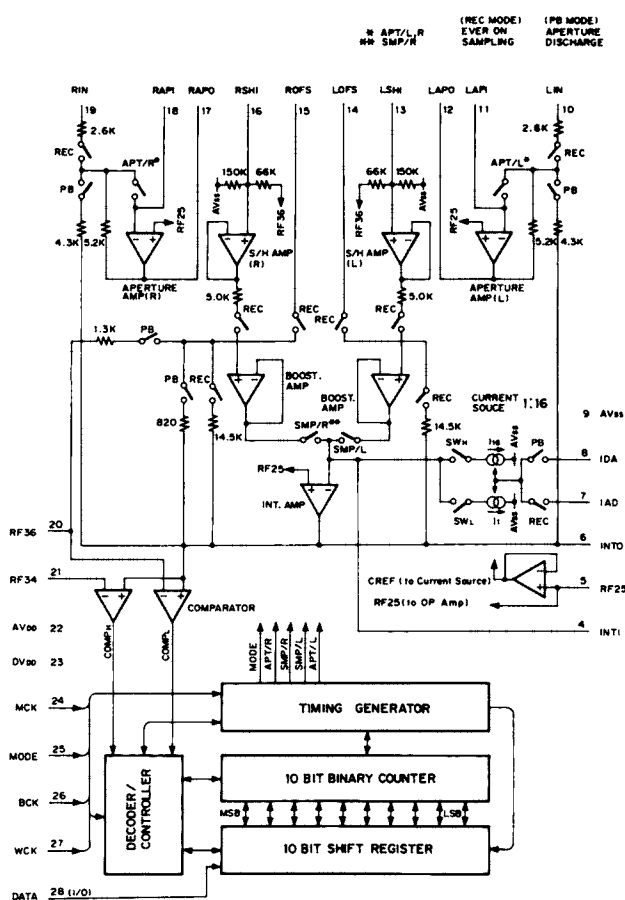
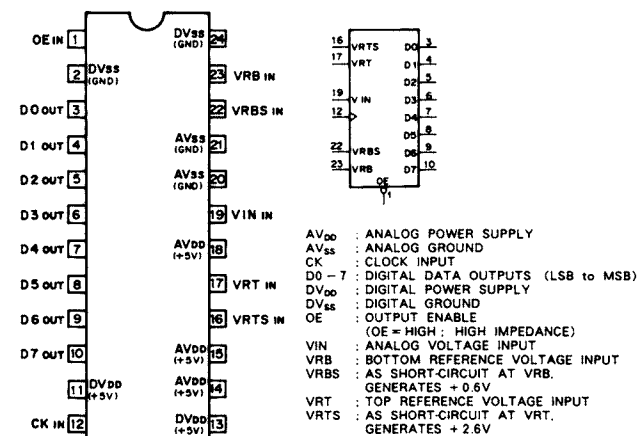
25	A0		INPUT	
26	A1		A0 - A10 : ADDRESS BUS 0-10	
27	A2		AREA : PCM DATA READ/WRITE AREA	
28	A3		AREC : AFTER REC ENABLE	
29	A4		DETW : INDEX DETECT WINDOW	
30	A5		FEEN : INDEX WRITE/ERASE AREA MODIFY	
31	A6		(H : ON/L : OFF)	
32	A7	DETO 13	FMCK : PCM RF DATA CLOCK (736f _H)	
33	A8	DEMO 48	GL2H : INDEX WRITE/ERASE AREA MODIFY SELECT	
34	A9		INEE : INDEX SIGNAL ERASE ENABLE	
35	A10		INWE : INDEX SIGNAL WRITE ENABLE	
1	MAKL		MAKL : VIDEO MASK SELECT	
17	INEE		MCLK : MASTER CLOCK (736f _H)	
18	INWE		MFEA : VIDEO MASK SELECT	
20	MODE		MFES : FALSE MD SELECT TIMING	
21	AREC		MODE : REC/PB SELECT (H : PB/L : REC)	
22	MFEA		NTCC : NTSC/CCIR SELECT (H : NTSC/L : CCIR)	
23	MFES		RFSW : RF SWITCHING PULSE	
24	NTCC		TST1, 2 : TEST	
45	AREA		XCLR : ALL CLEAR	
5	TST1		XOE : RAM OUTPUT ENABLE	
4	TST2		XW : RAM WRITE ENABLE	
16	XCLR			
2	FEEN		OUTPUT	
3	GL2H		DEMO : FM DEMODULATE	
14	RFSW		DETO : INDEX DETECT	
6	FMCK		DRSW : DELAYED RF SWITCHING PULSE	
15	DETW		FERA : VIDEO MASK TIMING	
44	MCLK		FERS : FALSE MD SELECT TIMING	
37	XOE		IEAR : INDEX WRITE/ERASE AREA	
38	XW		INDA : INDEX WRITE AREA	
			INDA : PCM DATA READ/WRITE AREA	
			MDAR : FOR RAM CONTROLLER	
			RAMP : REC/PB AMP DC BIAS CONTROL SIGNAL	
			RARA : REC/PB AMP REC AREA	
			RFAR : PCM EQ AMP REC AREA	
			RFMD : PCM EQ AMP REC/PB MODE	
			INPUT/OUT	
			FMDT : PCM RF DATA (Bi φ)	

CXD1077M (SONY) MINI FLAT PACKAGE
C-MOS A/D, D/A CONVERTER FOR PCM AUDIO
- TOP VIEW -



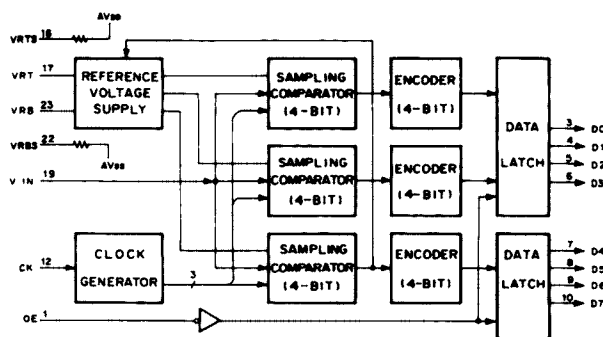
BCK ; BIT CLOCK INPUT TERMINAL
DATA ; DATA INPUT/OUTPUT TERMINAL
IAD ; INTEGRATION CURRENT SET UP TERMINAL (REC MODE)
IDA ; INTEGRATION CURRENT SET UP TERMINAL (PB MODE)
INT1 ; INTEGRATION AMP INPUT TERMINAL
INTO ; INTEGRATION AMP OUTPUT TERMINAL
LAP1 ; APERTURE AMP INPUT TERMINAL (L)
LAPO ; APERTURE AMP OUTPUT TERMINAL (L)
LIN ; ANALOG SIGNAL INPUT TERMINAL (L)
LOFS ; OFFSET CORRECT TERMINAL (L)
LSH1 ; SAMPLE & HOLD AMP (L) INPUT TERMINAL
MCK ; MASTER CLOCK INPUT TERMINAL
MODE ; REC MODE/PB MODE SET UP TERMINAL
RAPO ; APERTURE AMP OUTPUT TERMINAL (R)
RAP1 ; APERTURE AMP INPUT TERMINAL (R)
RIN ; ANALOG SIGNAL INPUT TERMINAL (R)
RF25 ; IMAGINE CONTACT ELECTORIC POTENTIAL SET UP TERMINAL
RF34 ; HIGHER RANK VOLTAGE SET UP TERMINAL
RF36 ; (REC) LOW RANK COMPARTOR VOLTAGE OR (PB) DISCHARGE VOLTAGE SET UP TERMINAL
ROFS ; OFFSET CORRECT TERMINAL (R)
RSH1 ; SAMPLE & HOLD AMP (R) INPUT TERMINAL
WCK ; WORD CLOCK INPUT TERMINAL

CXD1175AM (SONY) FLAT PACKAGE
C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER
- TOP VIEW -

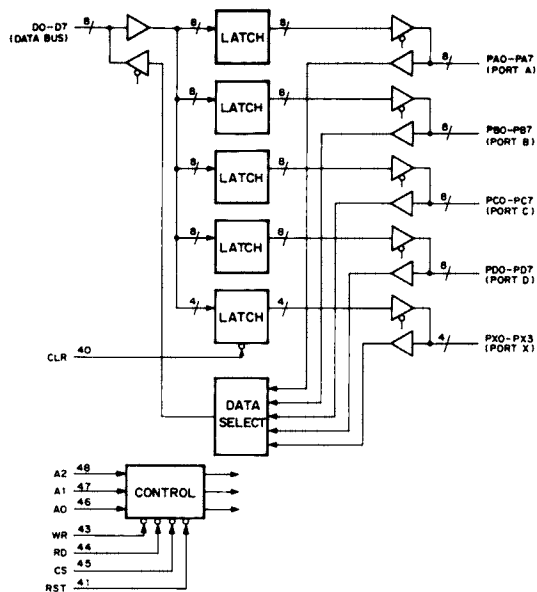
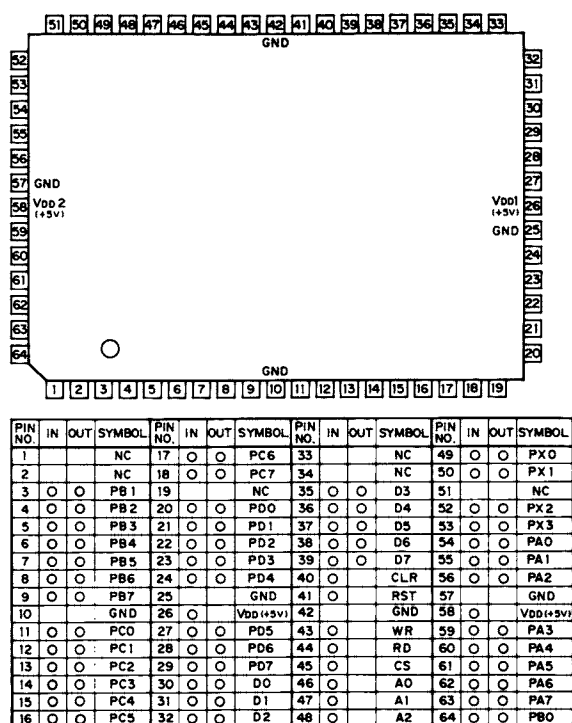


STEP	INPUT SIGNAL VOLTAGE	DATA OUTPUTS							
0	0V (VRT)	1	1	1	1	1	1	1	1
1	0.01V	1	1	1	1	1	1	1	0
127	1.34V	1	0	0	0	0	0	0	0
128	1.35V	0	1	1	1	1	1	1	1
255	2.7V (VRB)	0	0	0	0	0	0	0	0

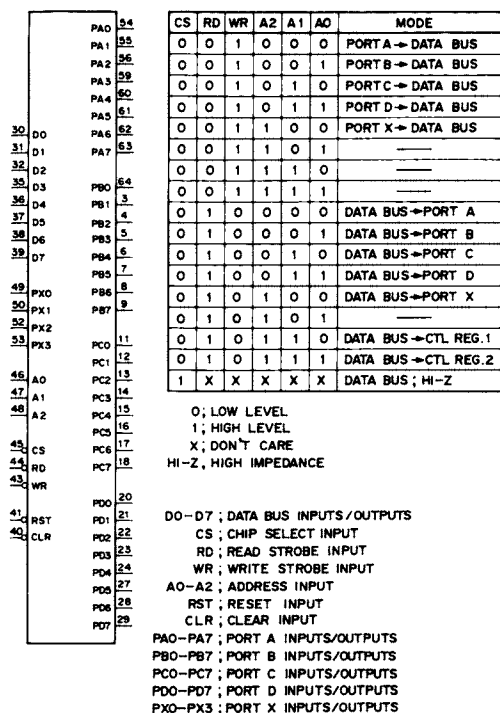
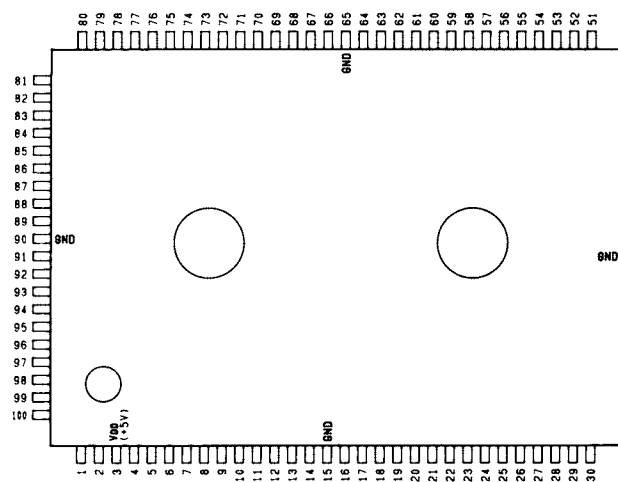
0 : LOW LEVEL
1 : HIGH LEVEL



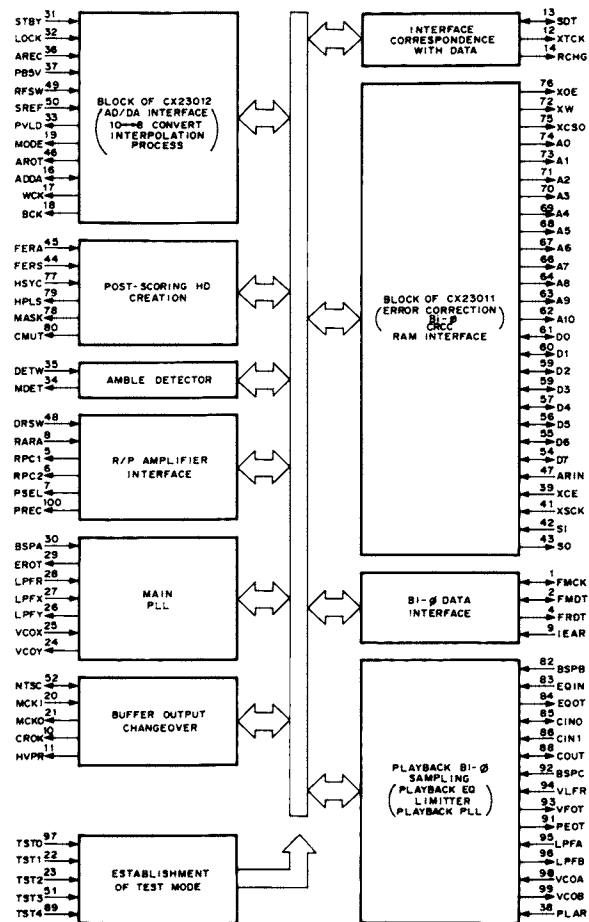
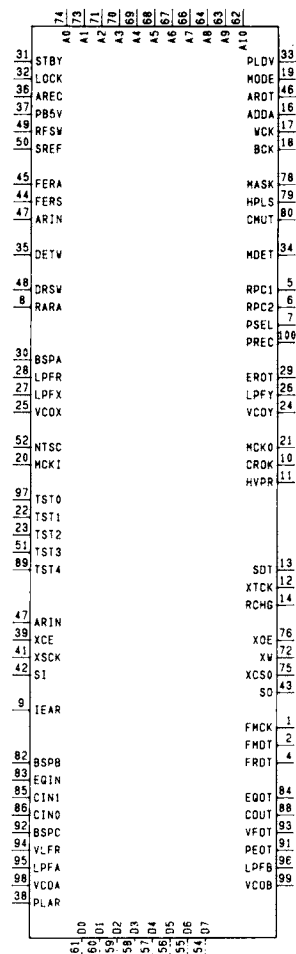
CXD1095Q (SONY) FLAT PACKAGE
C-MOS I/O PORT EXPANDER
- TOP VIEW -



CXD1208Q (SONY)
C-MOS PCM AUDIO SIGNAL PROCESSOR FOR 8mm VIDEO
- TOP VIEW -



No	I/O	SIGNAL	No	I/O	SIGNAL	No	I/O	SIGNAL	No	I/O	SIGNAL
1	I/O	FMCK	26	O	LPFY	51	I	TST3	76	O	XOE
2	I/O	FMDT	27	I	LPFX	52	I	NTSC	77	I	HSYC
3	-	VDD	28	I	LPFR	53	-	VDD	78	O	MASK
4	O	FRODT	29	O	EROT	54	I/O	D7	79	O	HPLS
5	O	RPC1	30	I	BSPA	55	I/O	D6	80	O	CMUT
6	O	RPC2	31	I	STBY	56	I/O	D5	81	I	AYDD
7	O	PSEL	32	I	LOCK	57	I/O	D4	82	I	BSPB
8	I	RARA	33	O	PVLD	58	I/O	D3	83	I	EQIN
9	I	IEAR	34	O	NDET	59	I/O	D2	84	O	EBOT
10	O	CROK	35	I	DETV	60	I/O	D1	85	I	CIN1
11	O	HVPR	36	I	AREC	61	I/O	D0	86	I	CIN0
12	O	XTCK	37	I	PBSV	62	O	A10	87	I	AY88
13	I/O	SDT	38	I	PLAR	63	O	A9	88	O	COUT
14	O	RCHG	39	I	XCE	64	O	A8	89	I	TST4
15	-	GND	40	-	GND	65	-	GND	90	-	GND
16	I/O	ADDA	41	I	XSCK	66	O	A7	91	O	PEOT
17	O	VCK	42	I	SI	67	O	A6	92	I	BSPC
18	O	BCK	43	O	SO	68	O	A5	93	O	VFOT
19	O	MODE	44	I	FERS	69	O	A4	94	I	VLFR
20	I	MCK1	45	I	FERA	70	O	A3	95	I	LPFA
21	O	MCK0	46	O	AROT	71	O	A2	96	O	LPFB
22	I	TST1	47	I	ARIN	72	O	XW	97	I	TST0
23	I	TST2	48	I	DRSV	73	O	A1	98	I	VCOA
24	O	VCOY	49	I	RFSW	74	O	A0	99	O	VCOB
25	I	VCOX	50	I	SREF	75	O	XCS0	100	O	PREC



INPUT

AREC : AFTER RECORDING SETTING
 ARIN : PCM AREA
 BSPA : LPF OP AMP BIAS FOR MAIN PLL
 BSPB : LINEAR CIRCUIT BIAS
 BSPC : PB PLL LINEAR BIAS
 CINO : PB LIMITER REFERENCE LEVEL
 CIN1 : PB LIMITER SIGNAL
 DETV : AMBLE DETECTION AREA
 DRVS : RF SWITCHING PULSE FOR CX1202
 EQIN : PB EQUALIZER
 FERA : FERS VIDEO MASK AREA
 FERS : FIYING ERASE AREA
 HSYC : COMPOSITE SYNC
 IEAR : INDEX WRITE/ERASE AREA
 LOCK : CXD1208 ACTIVE INPUT
 LPFA : LPF FOR PB PLL
 LPFR : LPF OP AMP(+) FOR MAIN PLL
 LPFX : LPF FOR MAIN PLL
 MCK1 : MAIN CLOCK (736 FH)
 NTSC : NTSC/CCIR SETTINGS
 PB5V : CXD1208 REC/PB SETTING
 PLAR : PB PLL ACTIVE AREA
 RARA : PCM REC AREA
 RFSV : RF SWITCHING PULSE
 SREF : ID REC DATA
 STBY : SERVO REFERENCE (50/60Hz)
 TST0-TST4 : POWER DOWN/INITIALIZE
 VCOA : TEST MODE SETTING PIN
 VCOB : PB PLL VCO INPUT SIDE VCO FOR PB PLL
 VCOX : MAIN PLL VCO INPUT SIDE
 VCOY : LPF OP AMP (+) FOR PB PLL
 XCE : ID TRANSFER ENABLE
 XSCK : ID TRANSFER CLOCK

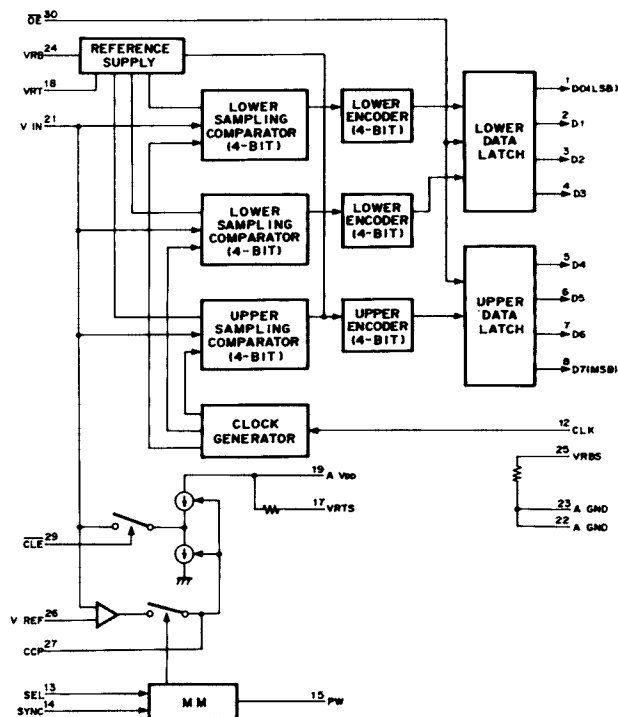
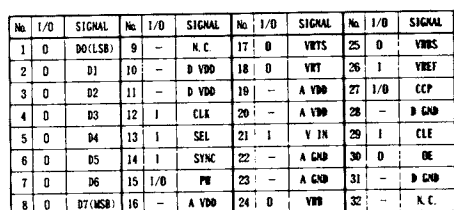
OUTPUT

A0-A10 : 84K SRAM ADDRESS BUS
 AROT : PCM AREA
 BCK : ADDA TRANSFER CLOCK
 CHUT : CROMA MUTE AREA WHEN AFTER RECORDING
 CROT : PB LIMITER
 CROK : CROK OR PULSE
 EQOT : PB EQUALIZER
 ERDT : MAIN PLL PHASE COMPARATOR
 FRDT : B1-8 REC DATA
 HPLS : HD WHEN AFTER RECORDING
 HYPR : MAIN PLL DIVISION
 LPFB : LPF FOR PB PLL
 LPFY : LPF FOR MAIN PLL
 MASK : Y MASK AREA WHEN AFTER RECORDING
 MCK0 : MAIN PLL
 MDET : AMBLE DETECTION (8 B)
 MODE : PCM SYSTEM REC/PB MODE
 PCHS : RAM AREA SELECT SIGNAL
 PEOT : PB PLL PHASE COMPARATOR
 PREC : PCM REC AREA FOR CX20034
 PSEL : CXA1202 INPUT SELECT SIGNAL
 PVLD : PCM DETECTION (PB)
 RPC1 : CXA1202 1CH REC/PB CONTROL
 RPC2 : CXA1202 2CH REC/PB CONTROL
 SO : PB ID DATA
 VCOB : VCO FOR PB PLL
 VCOY : MAIN PLL VCO OUTPUT SIDE
 VFOT : VOLTAGE FOLLOWER FOR PB PLL
 VCK : AOC/DAC L/R SELECT SIGNAL
 XCS0 : 84K SRAM ADDRESS BUS
 XCE : 84K SRAM OUTPUT ENABLE
 XTCK : SOT TRANSFER CLOCK
 XW : 84K SRAM WRITE ENABLE

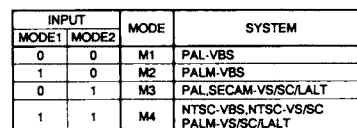
INPUT/OUTPUT

ADDA : AOC/DAC DATA
 D0-D10 : 84K SRAM DATA BUS
 FMCK : B1-8 DATA TRANSFER CLOCK
 FRDT : B1-8 DATA
 SOT : 8-BIT DATA

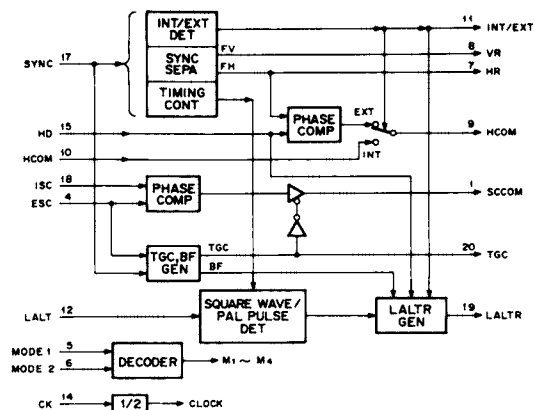
C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER WITH CLAMP FUNCTION
- TOP VIEW -



C-MOS GENLOCK DRIVER
- TOP VIEW -



0 : LOW LEVEL
1 : HIGH LEVEL



```

INPUT
CK      : 4fsc CLOCK INPUT
ESC     : SC/COLOR BURST
HCOM    : PHASE COMPARE FROM CXD1217
HD       : H DRIVE FROM CXD1217
ISC     : SUBCARRIER FROM CXD1217
LALT    : LALT FROM REFERENCE SIGNAL GENERATOR
MODE1.2 : SYSTEM SELECT
SYNC    : SYNC FROM REFERENCE SIGNAL GENERATOR

```

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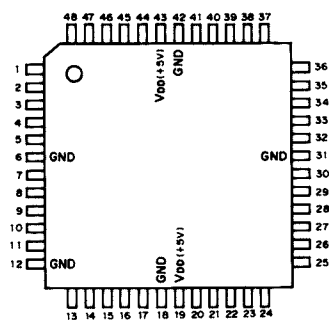
OUTPUT
HCOM      : PHASE COMPARTOR HR WITH HD
HR         : fH OF SYNC SEPARATE
INT/EXT   : INTERNAL/EXTERNAL SPECIFIED
LALTR     : LINE CHANGE RESET
SCCOM     : PHASE COMPARTOR ESC WITH ISC
TGC       : TRISTATE CONTROL
VR        : fV OF SYNC SEPARATE

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CXD1229Q (SONY) FLAT PACKAGE

C-MOS AUTOMATIC FREQUENCY CONTROL (AFC) / SYNC SEPARATOR

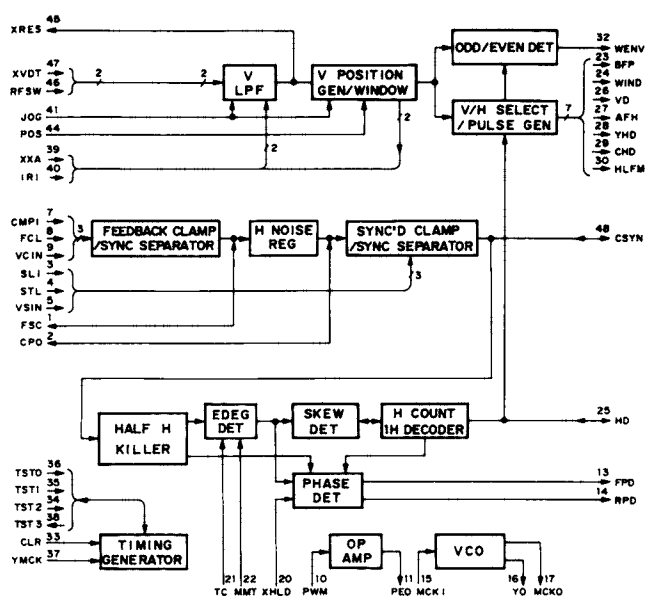
- TOP VIEW -



PIN ASSIGNMENT

(V_{DD} = +5V)

PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	I/O	FCS	13	O	FPD	25	O	HD	37	I	YMCK
2	I/O	CPO	14	O	RPD	26	O	VD	38	O	TST3
3	I	SLI	15	I	MCKI	27	O	AFH	39	I/O	XXA
4	I	STL	16	O	YO	28	O	YHD	40	I/O	IRI
5	I	VSIN	17	O	MCKO	29	O	CHD	41	I	JOG
6	-	GND	18	-	GND	30	O	HLFH	42	-	GND
7	I	CMPI	19	-	V _{DD}	31	-	GND	43	-	V _{DD}
8	I	FCL	20	I	XHLD	32	O	WEVN	44	I	POS
9	I	VCIN	21	O	TC	33	I	CLR	45	O	XRES
10	I	PWM	22	I	MMT	34	I	TST2	46	I	RFSW
11	O	PEO	23	O	BFP	35	I	TST1	47	I	XVDT
12	-	GND	24	O	WIND	36	I	TST0	48	O	CSYN

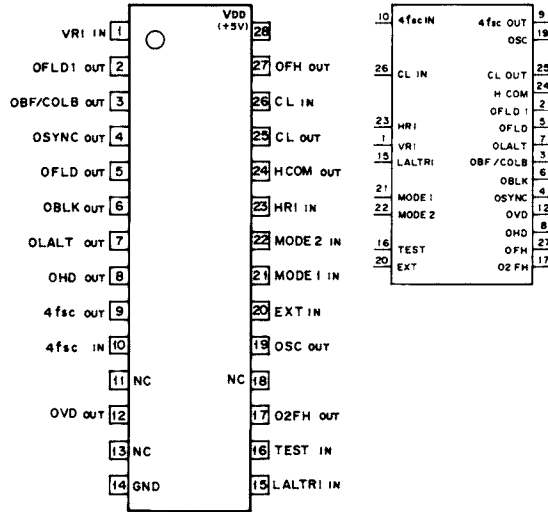


9	VCIN	CSYN	48	INPUT	CLR	: DIRECT CLEAR INPUT
6	FCL			FCL	: FEED BACK CLAMP SLICE LEVEL INPUT	
7	CMPI	FSC	1	CMPI	: FEED BACK CLAMP SYNC CHIP LEVEL INPUT	
8	VSIN	CPO	2	JOE	: REFERENCE CONTROL INPUT	
4	STL			MCKI	: CLOCK (VCO) INVERTER INPUT	
3	SLI			MMT	: MONO MULTI TEST PIN (H: NORMAL) INPUT	
				POS	: PHASE REFERENCE SELECT	
				PWM	: OP AMP INPUT	
				RFSW	: RF SW PULSE INPUT	
20	XHLD	HD	25	SLI	: SYNC CLAMP SLICE LEVEL INPUT	
21	TC	FPD	13	STL	: SYNC CLAMP SYNC CHIP LEVEL INPUT	
22	MMT	RPD	14	TST0	: L: NORMAL/H: TEST MODE INPUT	
		PWM	10	TST1, 2	: AFC LOCK PHASE COARSE ADJUST INPUTS	
		PEO	11	VCIN	: FEED BACK CLAMP VIDEO INPUT	
		MCKI	15	VSIN	: SYNC CLAMP VIDEO INPUT	
		XHLD	16	XHLD	: H: AFC ERROR ACTIVE/L: AFC ERROR HOLD INPUT	
		XVDT	16	XVDT	: V DETECT COMPOSITE SYNC INPUT	
		YO	18	YMCK	: MASTER CLOCK INPUT	
		MCKO	17			
		CLR	33	OUTPUT	AFH	: AFC H DRIVE OUTPUT
		YMCK	37	BFP	: BURST FLAG PULSE OUTPUT	
		TST0	36	CHD	: H SYNC OUTPUT FOR BURST DETECT	
		TST1	35	FPD	: AFC SUB LOOP PHASE ERROR OUTPUT	
		TST2	34	HLFH	: $1/2f_H$ (≈ 7.5 kHz) OUTPUT	
		TST3	38	MCKO	: CLOCK (VCO) INVERTER OUTPUT ($910f_H$)	
				PEO	: OP AMP OUTPUT	
				RPD	: AFC MAIN LOOP PHASE ERROR OUTPUT	
				TST3	: L: NORMAL, H: TEST MODE OUTPUT	
				VD	: VERTICAL SYNC DETECT OUTPUT	
47	XVDT	WENV	32	WEVN	: WRITE EVEN/ODD FIELD DETECT OUTPUT	
46	RFSW	BFP	24	WIND	: WINDOW COMPARATOR OUTPUT FOR V-PLL	
41	JOG	WDF	26	XRES	: V DETECT LPF OUTPUT	
44	POS	AD	27	YO	: CLOCK (VCO) INVERT OUTPUT	
39	XXA	YHD	28	YHD	: PEDESTAL CLAMP TIMING OUTPUT	
40	IRI	CHD	29			
43	XRES	HLFH	30	INPUT/OUTPUT		
				CPO	: CLAMP PULSE INPUT/OUTPUT	
				CSYN	: CLAMP SYNC SEPARATE INPUT/OUTPUT	
				FCS	: FEED BACK CLAMP SYNC SEPARATE INPUT/OUTPUT	
				HD	: AFC H DIRECT INPUT/OUTPUT	
				IRI	: MONITOR PIN FOR TEST INPUT/OUTPUT	
				TC	: AFC LOCK PHASE FINE ADJUST INPUT/OUTPUT	
				XXA	: MONITOR PIN FOR TEST INPUT/OUTPUT	

CXD1217M (SONY) FLAT PACKAGE

C-MOS SYNC GENERATOR

- TOP VIEW -

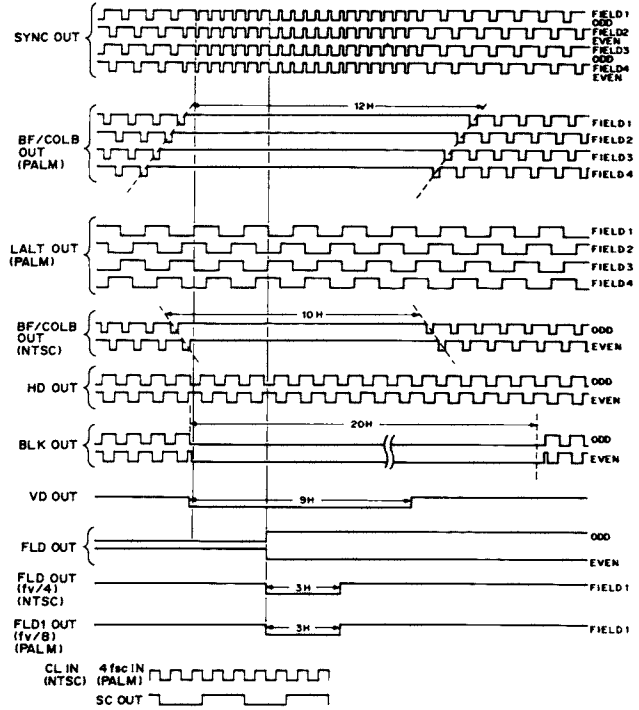


SYSTEM	4fsc	CLOCK
NTSC	910fh	910fh
PAL	1135fh+2fv	908fh
PALM	909fh	910fh
SECAM	—	908fh

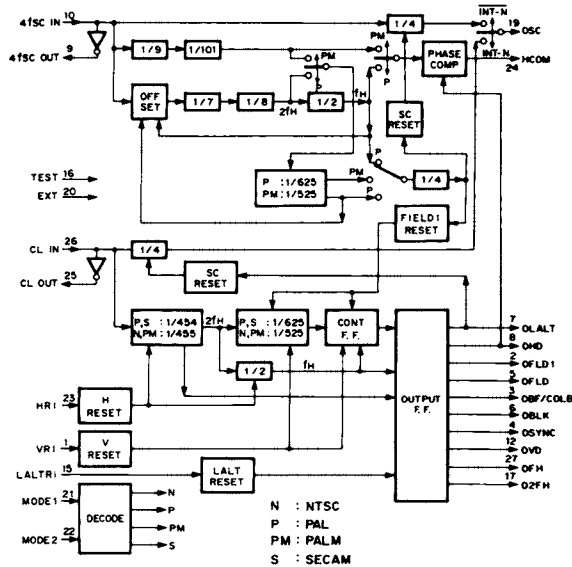
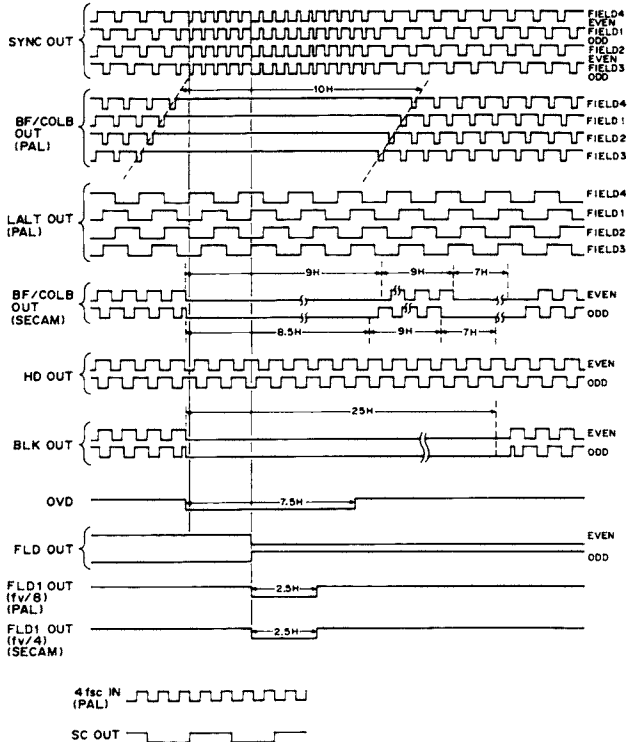
INPUT		SYSTEM
MODE1	MODE2	
0	0	NTSC
0	1	SECAM
1	0	PALM
1	1	PAL

0 : LOW LEVEL
1 : HIGH LEVEL

(NTSC, PALM)

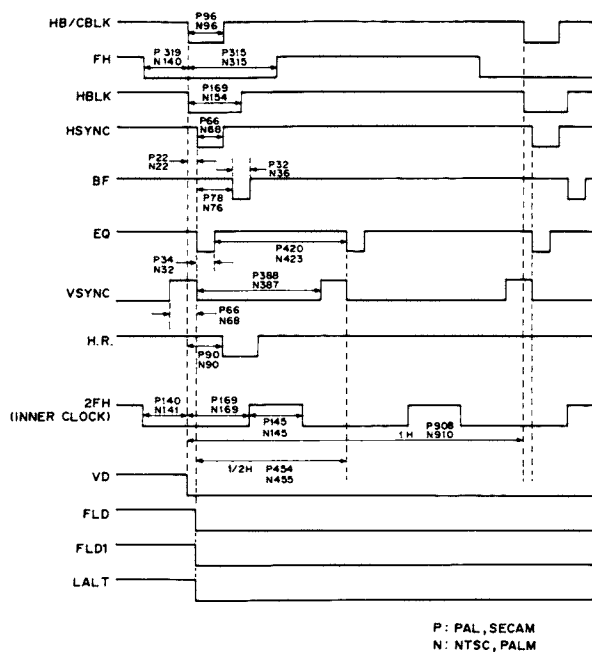


(PAL, SECAM)



INPUT
4fsc IN : 4fsc INPUT
CL IN : CLOCK INPUT
EXT : SYNC MODE SELECT
(L : INTERNAL/H ; EXTERNAL)
HRI : H RESET
LALTRI : LINE CHANGE RESET
MODE1,2 : SYSTEM SELECT
VRI : V RESET

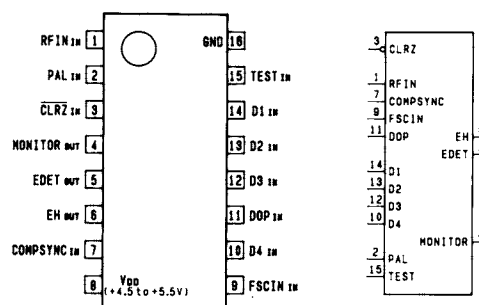
OUTPUT
4fsc OUT : 4fsc OUTPUT
CL OUT : CLOCK OUTPUT
HCOM : PHASE COMPARATOR
O2FH : 2FH OUTPUT
OBF/COLB : BURST FLAG/COLOR BLANKING
OBLK : COMPOSITE BLANKING
OFH : H FREQUENCY
OFLD : EVEN, ODD
OFLD1 : FIELD1
OHD : H DRIVE
OLALT : LINE CHANGE
OSC : SUBCARRIER
OSYNC : COMPOSITE SYNC
OVD : V DRIVE



CXD2107M (SONY) FLAT PACKAGE

C-MOS DEFINITION DETECTOR

- TOP VIEW -



```

INPUT
CLRZ      : CLEAR SIGNAL INPUT FOR INTERNAL COUNTERS
COMPSYNC  : COMPOSITE SYNC INPUT
DI-04    : LOAD DATA INPUTS FOR MAIN COUNTER (DI=HIGH, FIXED DATA)
DOP      : DROPOUT COMPENSATION PULSE INPUT
FSCN     : COLOR SUBCARRIER INPUT. NTSC=3.579545MHZ, PAL=4.433619MHZ
PAL       : OPERATION MODE SELECT INPUT. HIGH=PAL, LOW=NTSC
RFIN     : PLAYBACK Y RF SIGNAL INPUT
TEST     : TEST CONTROL INPUT. NORMAL=LOW

OUTPUT
EDET     : E* NODE DETECTION OUTPUT. CONTINUOUS 10H
E*DET    : E* NODE DETECTION OUTPUT. DISTINGUISH IN LH
MONITOR  : MONITOR OUTPUT OF COUNT, RATE, AND MASK PULSES

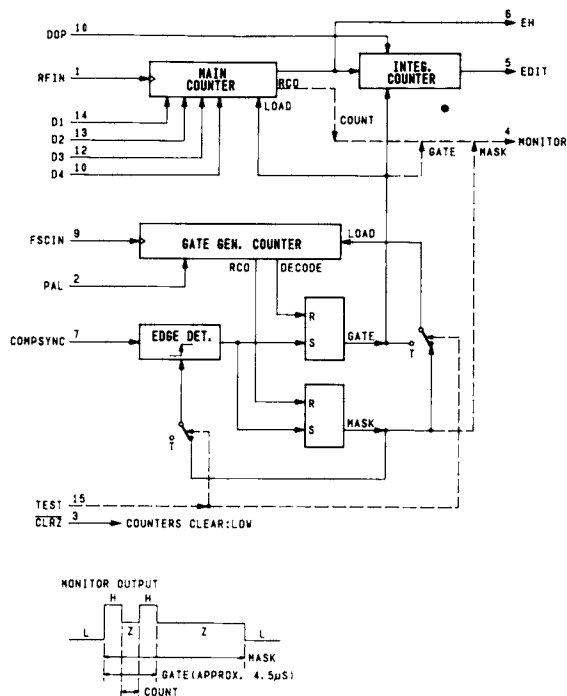
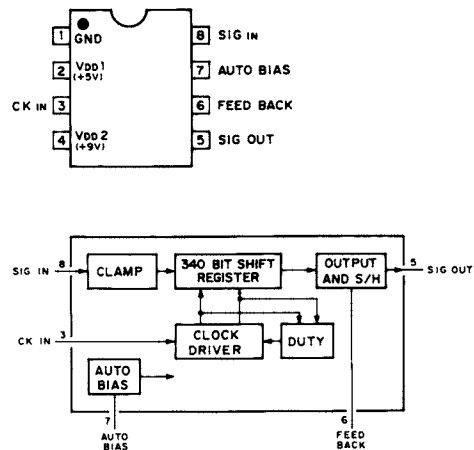
NOTE
E*       : EXTENDED DEFINITION

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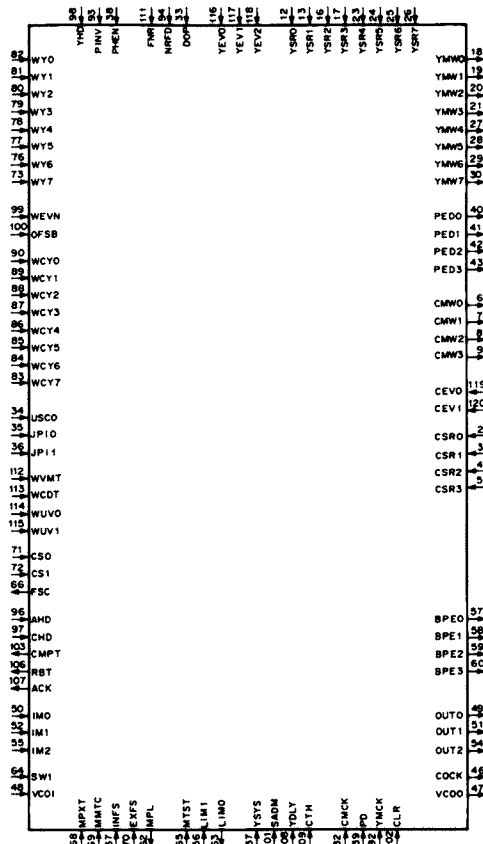
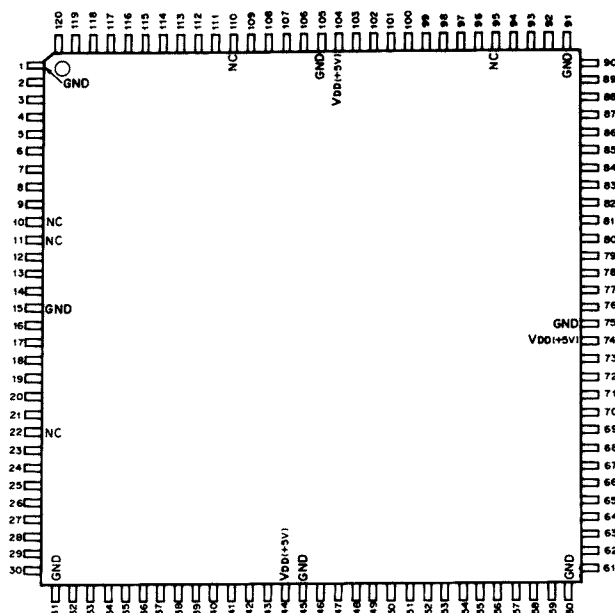
CXL5502M (SONY) FLAT PACKAGE

C-MOS CCD1H DELAY LINE (NTSC)

- TOP VIEW -



CXD1226Q (SONY) FLAT PACKAGE

C-MOS DIGITAL CHROMA DECODER, Y, C FIELD NOISE REDUCER
- TOP VIEW -

PIN NO.	IO	SYMBOL	PIN NO.	IO	SYMBOL	PIN NO.	IO	SYMBOL	PIN NO.	IO	SYMBOL
1	-	GND	31	-	GND	61	-	GND	91	-	GND
2	I	CSR0	32	I	CMCK	62	O	MPL	92	I	YMCK
3	I	CSR1	33	I	DOP	63	O	LIMO	93	I	PINV
4	I	CSR2	34	I	USC0	64	I	SW1	94	I	NFRD
5	I	CSR3	35	I	JP10	65	I	MTST	95	-	NC
6	O	CMW0	36	I	JP11	66	O	FSC	96	I	AHD
7	O	CMW1	37	I	YSYS	67	I	INFS	97	I	CHD
8	O	CMW2	38	I	PHEN	68	I	MPXT	98	I	YHD
9	O	CMW3	39	I	PD	69	I	MMTC	99	I	WEVN
10	-	NC	40	O	PED0	70	I	EXFS	100	I	OFSB
11	-	NC	41	O	PED1	71	I	CS0	101	I	SADM
12	I	YSR0	42	O	PED2	72	I	CS1	102	I	CLR
13	I	YSR1	43	O	PED3	73	I	WY7	103	O	CMPT
14	-	VDD(+5V)	44	-	VDD(+5V)	74	-	VDD(+5V)	104	-	VDD(+5V)
15	-	GND	45	-	GND	75	-	GND	105	-	GND
16	I	YSR2	46	O	COCK	76	I	WY6	106	O	RBT
17	I	YSR3	47	O	VCOO	77	I	WY5	107	O	ACK
18	O	YMW0	48	I	VCOI	78	I	WY4	108	I	YDLY
19	O	YMW1	49	O	OUT0	79	I	WY3	109	I	CTH
20	O	YMW2	50	I	IM0	80	I	WY2	110	-	NC
21	O	YMW3	51	O	OUT1	81	I	WY1	111	I	FNR
22	-	NC	52	I	IM1	82	I	WY0	112	I	WVMT
23	I	YSR4	53	-	AG	83	I	WCY7	113	I	WCDT
24	I	YSR5	54	O	OUT2	84	I	WCY6	114	I	WUV0
25	I	YSR6	55	I	IM2	85	I	WCY5	115	I	WUV1
26	I	YSR7	56	I	LIMI	86	I	WCY4	116	I	YEV0
27	O	YMW4	57	O	BPE0	87	I	WCY3	117	I	YEV1
28	O	YMW5	58	O	BPE1	88	I	WCY2	118	I	YEV2
29	O	YMW6	59	O	BPE2	89	I	WCY1	119	I	CEV0
30	O	YMW7	60	O	BPE3	90	I	WCY0	120	I	CEV1

* 1 CHROMA SYSTEM MODE SELECTION

CS1	CS0	MODE
0	0	NTSC
0	1	PAL
1	0	CHROMA BASE BAND INPUT PROHIBITION
1	1	

* 2 Y SIGNAL NOISE REDUCER SELECTION

YEV0	YEV1	YEV2	OPERATION
0	0	0	NOISE REDUCER (SOFT)
0	0	1	NOISE REDUCER (MIDDLE)
0	1	0	NOISE REDUCER (STRONG)
0	1	1	AFTER IMAGE
1	0	0	VERTICAL FILTER
1	0	1	FADE IN/OUT
1	1	0	SELECT AFTER IMAGE
1	1	1	NO OPERATION

* 3 CHROMA SIGNAL NOISE REDUCER SELECTION

CEV0	CEV1	OPERATION
0	0	NOISE REDUCER (SOFT)
0	1	NOISE REDUCER (MIDDLE)
1	0	NOISE REDUCER (STRONG)
1	1	NO OPERATION

0 : LOW LEVEL
1 : HIGH LEVEL

INPUT

AG : ANALOG GND

AHD : H SYNC INPUT FOR APC

* 3 CEV0, 1 : C NOISE REDUCER MODE SELECT INPUTS

CHD : H SYNC INPUT FOR BURST DETECT

CLR : DIRECT CLEAR INPUT

CMCK : CLOCK INPUT FOR CHROMA SYSTEM

CSR0 - CSR3 : CHROMA READ DATA INPUTS

* 1 CS0, 1 : CHROMA SYSTEM SELECT INPUTS

CTH : CHROMA TEST TERMINAL

DOP : DROPOUT COMPENSATION PULSE INPUT

EXFS : EXTERNAL Fsc INPUT

FNR : NOISE REDUCER ON/OFF CTRL INPUT

IM0 - IM2 : AUDIO RANGE AMP INPUTS

INFS : INTERNAL Fsc INPUT

JP10, 1 : ID CODE MONITOR INPUTS (D2, D3)

LIMI : WINDOW COMPARATOR INPUT

MMTC, MPXT, MTST, PD : TEST PIN

NFRD : Y FIELD NOISE REDUCER DATA INPUT

OFSB : OFF SET BINARY MODE INPUT

PHEN : CHROMA APC SYSTEM CONTROL INPUT

PINV : PEDESTAL CLAMP ERROR INVERT INPUT

SADM : Y/C SIGNAL, H : COMPOSITE SIGNAL SELECT INPUT

SW1 : AUDIO RANGE SWITCH INPUT

USC0 : USER CODE FOR OPTION

VCOI : VCO INPUT

WCDT : WRITE FRAMING CODE TIMING INPUT

WCY0 - WCY7 : L CHROMA SIGNAL, H : COMPOSITE SIGNAL INPUTS

WEVN : WRITE EVEN/ODD FIELD MONITOR INPUT

WUV0, 1 : WRITE U/V TIMING INPUTS

WVMT : WRITE VIDEO MUTE

WY0 - WY7 : WRITE Y SIGNAL INPUTS

YDLY : Y DELAY ADJUST INPUT

* 2 YEV0 - YEV2 : Y NOISE REDUCER MODE SELECT INPUTS

YHD : Y DRIVE PULSE INPUT

YMCK : Y MEMORY CONTROL CLOCK INPUT

YSR0 - YSR7 : Y MEMORY DATA INPUTS

YSYS : Y DELAY ADJUST INPUT

(H : 3.58MHz C SYSTEM, L : 4.43MHz C SYSTEM)

OUTPUT

ACK : CLOCK OUTPUT FOR APC

(H : B/W MODE, L : COLOR MODE)

BPE0 - BPE3 : PHASE ERROR OUTPUTS FOR APC (OFFSET BINARY OUTPUTS)

CMPT : MONITOR TERMINAL FOR TEST

CMW0 - CMW3 : CHROMA WRITE DATA OUTPUTS

COCK : VCO OUT CLOCK OUTPUT

FSC : 1/4 CLOCK OUTPUT

LIMO : WINDOW COMPARATOR OUTPUT

MPL : PHASE COMPARATOR ERROR OUTPUT

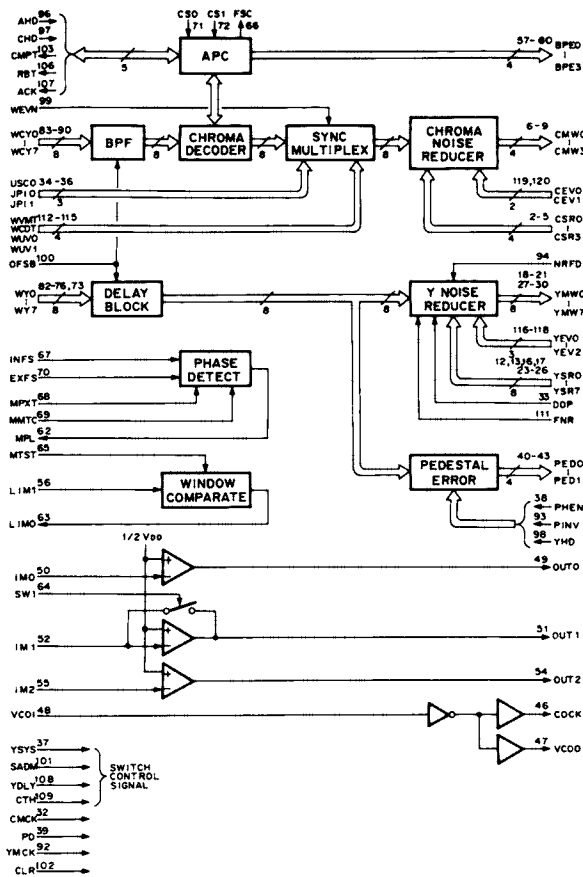
OUT0 - OUT2 : AUDIO RANGE AMP OUTPUTS

PED0 - PED3 : PEDESTAL CLAMP ERROR OUTPUTS

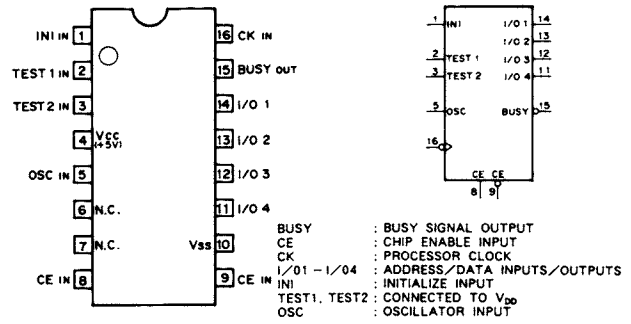
RBT : MONITOR PIN FOR TEST

VCOO : VCO OUTPUT

YMW0 - YMW7 : Y MEMORY DATA OUTPUTS

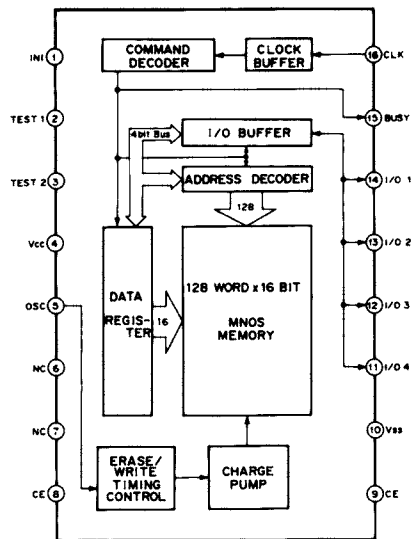


CXK1009P (SONY)
MNOS 2048BIT (128x16) EPROM
- TOP VIEW -



INPUT					FUNCTION
CE	I/O1	I/O2	I/O3	I/O4	
0	0	0	1	0	READ
0	1	0	1	0	WRITE
0	X	X	0	0	NO OPERATION
0	X	X	0	1	NO OPERATION
0	X	X	1	1	NO OPERATION
1	X	X	X	X	NO OPERATION

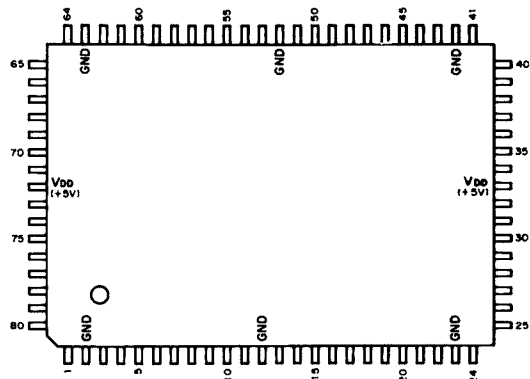
0 : LOW LEVEL
 1 : HIGH LEVEL
 X : DON'T CARE



CXD1227Q (SONY)

C-MOS DIGITAL CHROMA ENCODER/VERTICAL ENHANCER

- TOP VIEW -

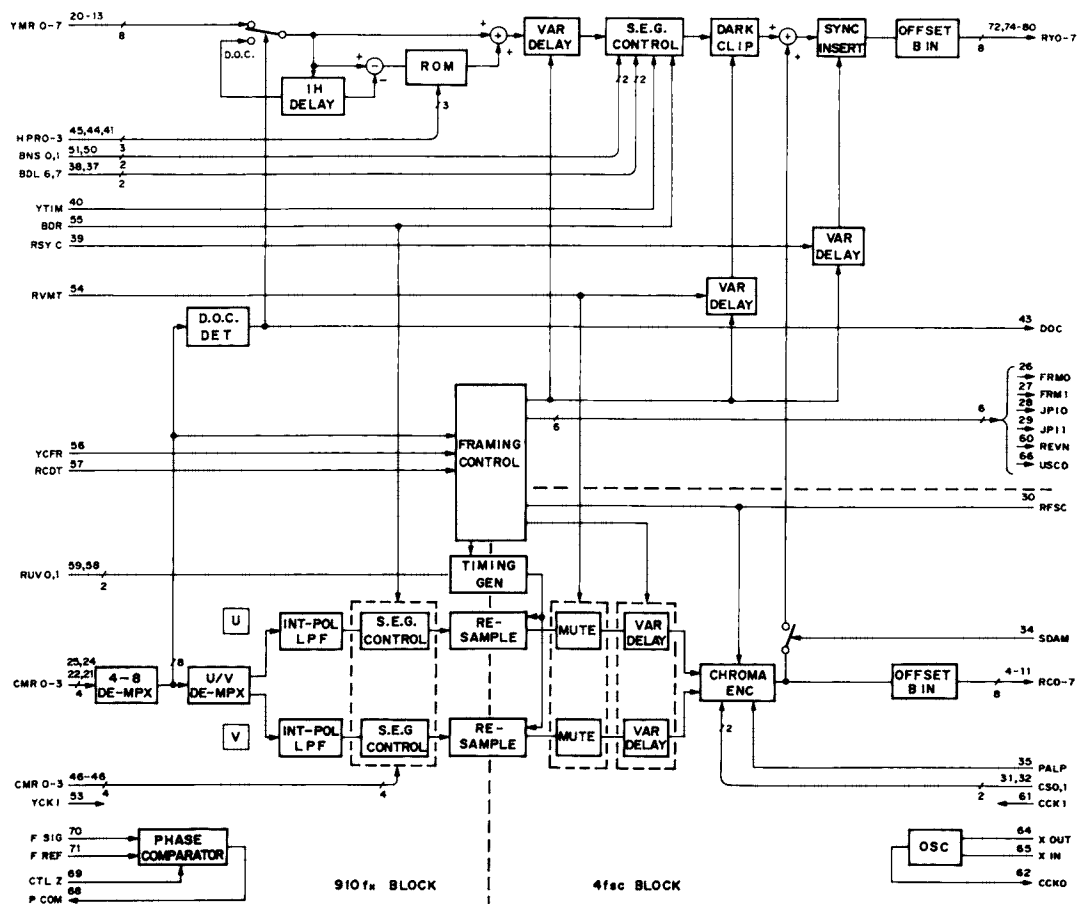


PIN ASSIGNMENT

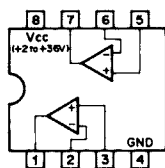
(VDD = +5V)

PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	O	TST0	21	I	CMR3	41	I	HPR2	61	I	CKK1
2	-	GND	22	I	CMR2	42	-	GND	62	O	CKK0
3	O	TST1	23	-	GND	43	O	DOC	63	-	GND
4	O	RC0	24	I	CMR1	44	I	HPR1	64	O	XOUT
5	O	RC1	25	I	CMR0	45	I	HPR0	65	I	XIN
6	O	RC2	26	O	FRM0	46	I	HBD3	66	O	USCO
7	O	RC3	27	O	FRM1	47	I	HBD2	67	I	CLRI
8	O	RC4	28	O	JPI0	48	I	HBD1	68	O	PCOM
9	O	RC5	29	O	JPI1	49	I	HBD0	69	I	CTLZ
10	O	RC6	30	O	RFSC	50	I	BNS1	70	I	FSIG
11	O	RC7	31	I	CS0	51	I	BNS0	71	I	FREF
12	-	GND	32	I	CS1	52	-	GND	72	O	RY0
13	I	YMR7	33	-	VDD	53	I	YCKI	73	-	VDD
14	I	YMR6	34	I	SDAM	54	I	RVMT	74	O	RY1
15	I	YMR5	35	I	PALP	55	I	BDR	75	O	RY2
16	I	YMR4	36	I	OFSB	56	I	YCFR	76	O	RY3
17	I	YMR3	37	I	BDL7	57	I	RCDT	77	O	RY4
18	I	YMR2	38	I	BDL6	58	I	RVV1	78	O	RY5
19	I	YMR1	39	I	RSYC	59	I	RVV0	79	O	RY6
20	I	YMR0	40	I	YTIM	60	O	REVN	80	O	RY7

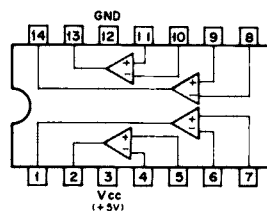
20	YMR0	RY0	72	INPUT	
19	YMR1	RY1	74	BDR	: BORDER TIMING INPUT
18	YMR2	RY2	75	* 1 BDL6. 7	: Y BORDER LEVEL SELECT INPUTS
17	YMR3	RY3	76	* 2 BNS0. 1	: SOLORIZATION RESOLUTION SELECT
16	YMR4	RY4	77	CKKI	: CHROMA CLOCK INPUT (4fsc)
15	YMR5	RY5	78	CLRI	: CLEAR INPUT
14	YMR6	RY6	79	CMRO - 3	: CHROMA DATA INPUTS
13	YMR7	RY7	80	* 3 CS0. 1	: CHROMA SYSTEM SELECT INPUTS
45	HPR0			CTLZ	: PHASE COMPARATOR OUT CONTROL INPUT
44	HPR1			FREF	: PHASE COMPARATOR REFERENCE SIGNAL INPUT
41	HPR2			FSIG	: PHASE COMPARATOR SIGNAL INPUT
51	BNS0			* 4 HBD0. 1	: U-AXIS BORDER LEVEL INPUTS
50	BNS1			* 5 HBD2. 3	: V-AXIS BORDER LEVEL INPUTS
36	BDL6			* 6 HPR0 - 2	: H PROCESS INPUTS
37	BDL7			OFBS	: OFF SET BINARY MODE INPUT
40	YTIM			PALP	: PAL PHASE CONTROL INPUT
55	BDR			RCDT	: READ FRAMING CODE TIMING INPUT
54	RSYC			RSYC	: READ SYNC INPUT
59	RVMT			RUV0 - 1	: READ U/V TIMING INPUTS
53	YCKI			RVMT	: READ VIDEO MUTE INPUT
25	CMR0	RC0	4	SDAM	: D/A MODE SELECT INPUT
24	CMR1	RC1	5	XIN	: CHROMA CLOCK INPUT FOR OSCILLATOR
23	CMR2	RC2	6	YCKI	: Y CLOCK INPUT (910f _H)
22	CMR3	RC3	7	YCFR	: Y/C FRAMING ON/OFF SELECT INPUT
49	HBD0	RC4	8	YMR0 - 7	: Y DATA INPUTS
48	HBD1	RC5	9	YTIM	: Y TIMING CONTROL INPUT
47	HBD2	RC6	10		
46	HBD3	RC7	11		
59	RUV0			OUTPUT	
58	RUV1			CKKO	: CHROMA CLOCK OSCILLATOR OUTPUT (4fsc)
31	CS0			DOC	: DROP OUT CONTROL MONITOR OUTPUT
32	CS1			FRM0. 1	: CHROMA FRAMING CODE OUTPUTS
34	SDAM			RC3. 1	: ID CODE MONITOR OUTPUTS (D2, D3)
35	PALP			PCOM	: PHASE COMPARATOR OUTPUT
61	CKK1			RC0 - 7	: READ CHROMA D/A OUTPUTS
56	YCFR			REVN	: READ EVEN/ODD FIELD MONITOR OUTPUT
57	RCDT			RFSC	: READ fsc OUTPUT
				RY0 - 7	: READ Y D/A OUTPUTS
				TST0. 1	: TEST TERMINALS
				USCO	: USER CODE FOR OPTION
				XOUT	: CHROMA CLOCK OUTPUT FOR OSCILLATOR



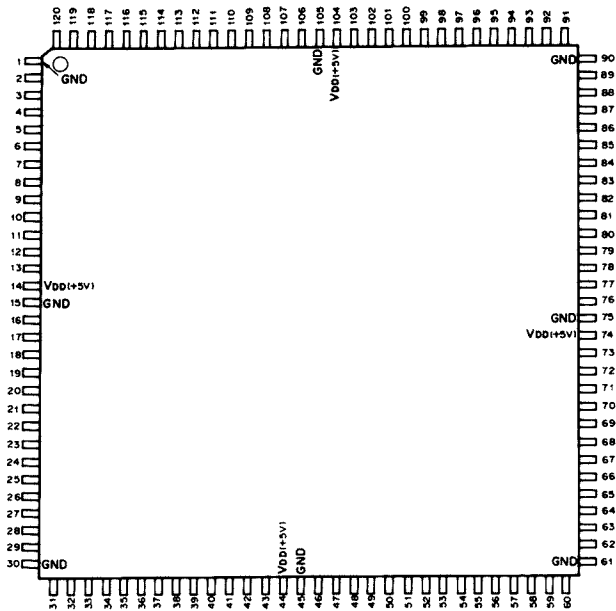
LM2903PS (TI) FLAT PACKAGE
 UPC393G2 (NEC) FLAT PACKAGE
 DUAL VOLTAGE COMPARATORS
 - TOP VIEW -



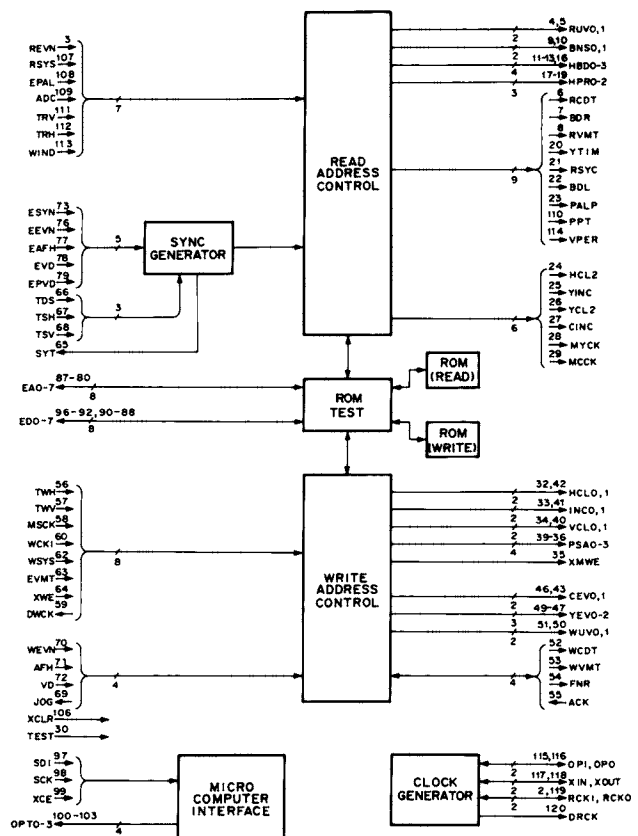
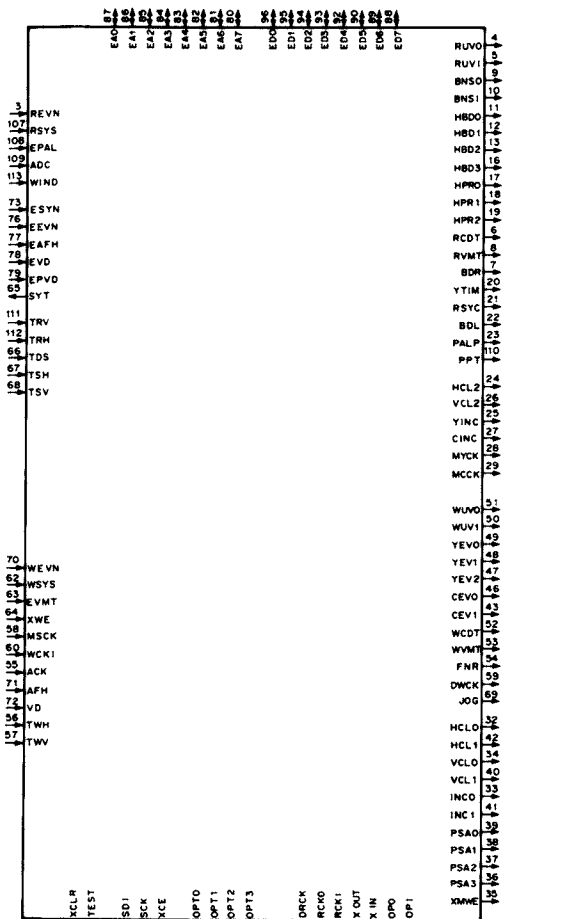
LM339D (TI) FLAT PACKAGE
 UPC339C (NEC)
 QUAD COMPARATORS
 - TOP VIEW -



CXD1228Q (SONY) FLAT PACKAGE
C-MOS MEMORY ADDRESS CONTROLLER
- TOP VIEW -



PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	-	GND	31	-	GND	61	-	GND	91	-	GND
2	I	RCK1	32	O	HCL0	62	I	WSYS	92	I/O	ED4
3	I	REVN	33	O	INC0	63	I	EVMT	93	I/O	ED3
4	O	RUVO	34	O	VCL0	64	I	XWE	94	I/O	ED2
5	O	RUV1	35	O	XMWE	65	O	SYT	95	I/O	ED1
6	O	RCDT	36	O	PSA3	66	I	TDS	96	I/O	ED0
7	O	BDR	37	O	PSA2	67	I	TSH	97	I	SD1
8	O	RVMT	38	O	PSA1	68	I	TSV	98	I	SDK
9	O	BNS0	39	O	PSA0	69	O	JOG	99	I	XCE
10	O	BNS1	40	O	VCL1	70	I	WEVN	100	O	OPT0
11	O	HBD0	41	O	INC1	71	I	AFH	101	O	OPT1
12	O	HBD1	42	O	HCL1	72	I	VD	102	O	OPT2
13	O	HBD2	43	O	CEV1	73	I	ESYN	103	O	OPT3
14	-	V _{DD} (+5V)	44	-	V _{DD} (+5V)	74	-	V _{DD} (+5V)	104	-	V _{DD} (+5V)
15	-	GND	45	-	GND	75	-	GND	105	-	GND
16	O	HBD3	46	O	CEV0	76	I	EEVN	106	I	XCLR
17	O	HPR0	47	O	YEV2	77	I	EAFF	107	I	RSYS
18	O	HPR1	48	O	YEV1	78	I	EVD	108	I	EPAL
19	O	HPR2	49	O	EPV0	79	I	EPVD	109	I	ADC
20	O	YTIM	50	O	WUV1	80	I/O	EA7	110	O	PPT
21	O	RSYC	51	O	WUV0	81	I/O	EA6	111	I	TRV
22	O	BDL	52	O	WCDT	82	I/O	EA5	112	I	TRH
23	O	PALP	53	O	WVMT	83	I/O	EA4	113	I	WIND
24	O	HCL2	54	O	FNR	84	I/O	EA3	114	O	VPER
25	O	YINC	55	I	ACK	85	I/O	EA2	115	I	OPI
26	O	VCL2	56	I	TWH	86	I/O	EA1	116	O	OPO
27	O	CINC	57	I	TWV	87	I/O	EA0	117	I	XIN
28	O	MYCK	58	I	MSCK	88	I/O	ED7	118	O	XOUT
29	O	MCCK	59	O	DWCK	89	I/O	ED6	119	O	RCK0
30	I	TST	60	I	WCKI	90	I/O	ED5	120	O	DRCK



INPUT

ACK : CLOCK INPUT FOR APC (H: B/W MODE, L: COLOR MODE)

ADC : CHROMA ADDRESS CONTROL INPUT

AFH : AFC H DRIVE INPUT

EAFFH : EXTERNAL SYNC MODE H DRIVE INPUT

EEVN : EXTERNAL SYNC MODE EVEN/ODD SELECT INPUT

EPAL : EXTERNAL SYNC MODE PAL COLOR ID INPUT

EPVD : REFERENCE VD

ESYN : EXTERNAL SYNC MODE CHROMA SYNC INPUT

EVD : EXTERNAL SYNC MODE V DRIVE INPUT

EVMT : EXTERNAL VIDEO MUTE INPUT (H: MUTE, L: NORMAL)

MSCK : MASTER CLOCK INPUT

OPI : INVERTER INPUT

RCKI : READ CLOCK INPUT

REVN : READ EVEN/ODD FIELD MONITOR INPUT

RSYS : READ SYNC SELECT INPUT (H: NTSC, L: PAL)

SDI : SERIAL DATA INPUT

SDK : SERIAL CLOCK INPUT

TDS, TRH, TRV, TSH : TEST PIN

TST, TSV, TWH, TWV : TEST PIN

VD : VERTICAL SYNC DETECT INPUT

WCKI : WRITE CLOCK INPUT

WEVN : WRITE EVEN/ODD FIELD MONITOR INPUT

WIND : WINDOW COMPARTOR INPUT FOR V-PLL

WSYS : WRITE SYNC SELECT INPUT (H: NTSC, L: PAL)

XCE : CHIP ENABLE INPUT

XCLR : DIRECT CLEAR INPUT

XIN : CLOCK INPUT

XWE : WRITE ENABLE INPUT

OUTPUT

BOL : Y BORDER LEVEL OUTPUT

BDR : BORDER OUTPUT

* 1 BNS0.1 : SOLARIZATION CONROL OUTPUTS

* 2 CEV0.1 : C NOISE REDUCER MODE SELECT OUTPUTS

CINC : READ PORT CHROMA INCREMENT OUTPUT

DRCK : DELAYED READ CLOCK OUTPUT

DWCK : DELAYED WRITE CLOCK OUTPUT

FNR : NOISE REDUCER ON/OFF CONTROL OUTPUT

* 3 HBD0.1 : U-AXIS BORDER LEVEL OUTPUTS

* 4 HBD2.3 : V-AXIS BORDER LEVEL OUTPUTS

HCL0 : WRITE PORT HORIZONTAL CLEAR OUTPUT

HCL1.2 : READ PORT HORIZONTAL CLEAR OUTPUTS

* 5 HPR0 - HPR2 : H PROCESS OUTPUTS

INC0 : WRITE PORT LINE INCREMENT OUTPUT

INC1 : READ PORT LINE INCREMENT OUTPUT

JOG : REFERENCE CONTROL OUTPUT

MCCK : READ PORT CHROMA CLOCK OUTPUT

MYCK : READ PORT Y CLOCK OUTPUT

OPO : INVERTER OUTPUT

OPT0 - OPT3 : OPTION OUTPUTS

PALP : PAL PHASE CONTROL OUTPUT

RPT : SMALL PICTURE TIMING OUT

PSA0 - PSA3 : WRITE PORT TRANSFER SYNC OUTPUTS

RCDT : READ FRAMIG CODE TIMING OUTPUT

RCK0 : READ CLOCK OUTPUT

RUV0.1 : READ U/V TIMING OUTPUTS

RVMT : READ MUTING OUTPUT

SYT : MONITOR PIN FOR TEST

VCLO : WRITE PORT VERTICAL CLEAR OUTPUT

VC1.2 : READ PORT VERTICAL CLEAR OUTPUTS

VPER : V PHASE COMPARTOR OUTPUT

WCOT : WRITE FRAMING CODE TIMING OUTPUT

WUV0.1 : WRITE U/V TIMING OUTPUTS

WVMT : WRITE VIDEO MUTE OUTPUT

XMWE : WRITE PORT WRITE ENABLE OUTPUT

XOUT : CLOCK OUTPUT

* 6 YEV0 - YEV2 : Y NOISE REDUCER MODE SELECT OUTPUTS

YINC : READ PORT Y INCREMENT OUTPUT

YTIM : Y TIMING CONTROL OUTPUT

*** 1 SOLARIZATION RESOLUTION**

INPUTS	OUTPUTS
BNS0/BNS1	RY0 RY1 RY2 RY3 RY4
0 0	0 0 1 X X
0 1	0 0 0 0 1 X
1 0	0 0 0 0 0 1
1 1	X X X X X

*** 4 V-AXIS BORDER LEVEL**

HBD3/HBD2	LEVEL
0 0	20 IRE
0 1	-20 IRE
1 0	-30 IRE
1 1	0 IRE

*** 2 CHROMA SIGNAL NOISE REDUCER SELECTION**

CEV0/CEV1	OPERATION
0 0	NOISE REDUCER (SOFT)
0 1	NOISE REDUCER (MIDDLE)
1 0	NOISE REDUCER (STRONG)
1 1	NO OPERATION

*** 3 U-AXIS BORDER LEVEL**

HBD1/HBD0	LEVEL
0 0	20 IRE
0 1	-20 IRE
1 0	-30 IRE
1 1	0 IRE

*** 5 H PROCESS MODE SELECTION**

HPR2/HPR1/HPR0	OPERATION
0 0 0	V-ENHANCE (SOFT)
0 0 1	V-ENHANCE (SOFT)
0 1 0	V-ENHANCE (MIDDLE)
0 1 1	V-ENHANCE (STRONG)
1 0 0	MIX RATIO H _r :H _p =1:1
1 0 1	MIX RATIO H _r :H _p =1:3
1 1 0	MIX RATIO H _r :H _p =3:1
1 1 1	NO PLAY

0 : LOW LEVEL
1 : HIGH LEVEL

H_r = THROUGH
H_p = 1H DELAY

*** 6 Y SIGNAL NOISE REDUCER SELECTION**

YEV0/YEV1/YEV2	OPERATION
0 0 0	NOISE REDUCER (SOFT)
0 0 1	NOISE REDUCER (MIDDLE)
0 1 0	NOISE REDUCER (STRONG)
0 1 1	AFTER IMAGE
1 0 0	VERTICAL FILTER
1 0 1	FADE IN/OUT
1 1 0	SELECT AFTER IMAGE
1 1 1	NO OPERATION

INPUT/OUTPUT

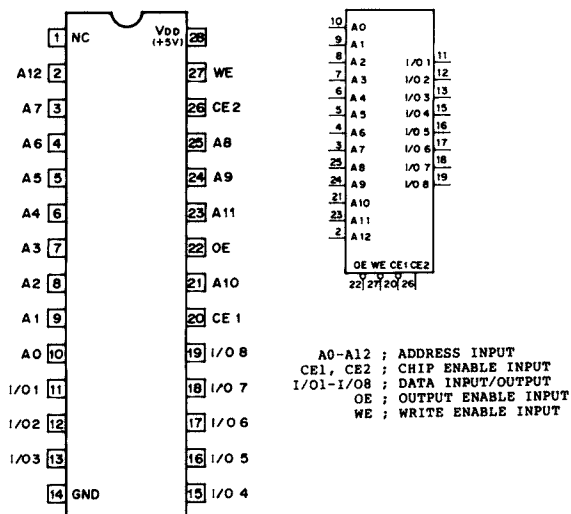
EA0 - EA7 : ROM TEST TERMINAL INPUTS/OUTPUTS

ED0 - ED7 : ROM TEST TERMINAL INPUTS/OUTPUTS

CXK5864BM-12L (SONY) FLAT PACKAGE

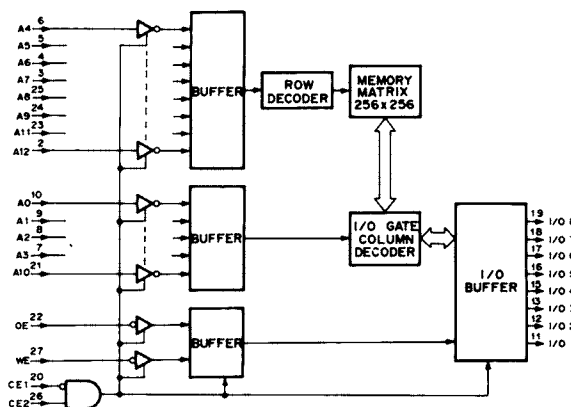
C-MOS 64K (8192x8)-BIT STATIC RAM

- TOP VIEW -

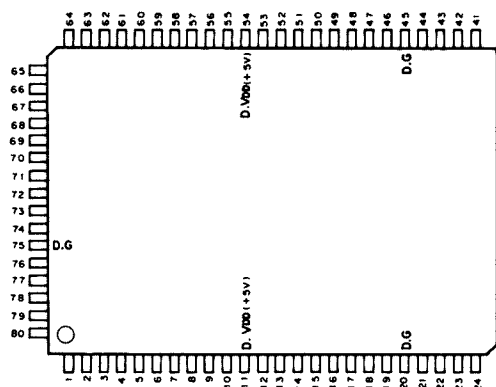


CE1	CE2	OE	WE	MODE	I/O TERMINAL
1	X	X	X	NOT SELECT	HIGH IMPEDANCE
X	0	X	X	NOT SELECT	HIGH IMPEDANCE
0	1	1	1	OUTPUT DISABLE	HIGH IMPEDANCE
0	1	0	1	READ	OUTPUT DATA
0	1	X	0	WRITE	INPUT DATA

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE



CXD2105AQ (SONY) FLAT PACKAGE
CMOS DIGITAL COMB FILTER FOR VTR'S
- TOP VIEW -



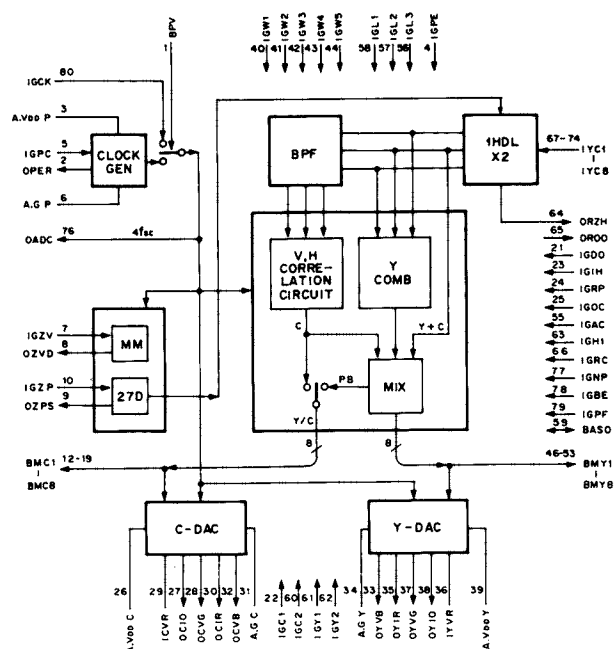
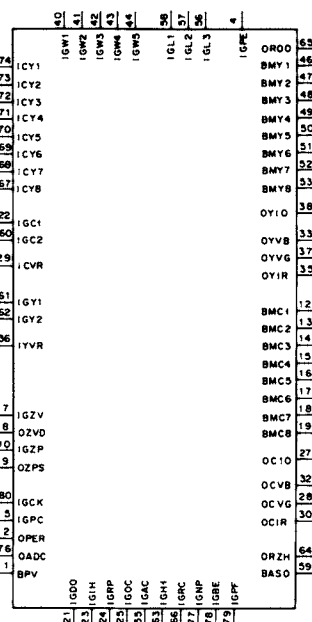
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	BPV	21	I	IGD0	41	I	IGW2	61	I	IGY1
2	O	OPER	22	I	IGC1	42	I	IGW3	62	I	IGY2
3	-	A.VDD P	23	I	IGH	43	I	IGW4	63	I	IGH1
4	I	IGPE	24	I	IGRP	44	I	IGW5	64	O	ORZH
5	I	IGPC	25	I	IGOC	45	-	D.G	65	O	OR00
6	-	A.G P	26	-	A.VDD C	46	I/O	BMV1	66	I	IGRC
7	I	IGZV	27	O	OCIO	47	I/O	BMV2	67	I	ICYB
8	O	OZVD	28	O	OCVG	48	I/O	BMV3	68	I	ICY7
9	O	OZPS	29	-	ICVR	49	I/O	BMV4	69	I	ICY6
10	I	IGZP	30	O	OCIR	50	I/O	BMV5	70	I	ICY5
11	-	D.VDD	31	-	A.G C	51	I/O	BMV6	71	I	ICY4
12	I/O	BMC1	32	O	OCVB	52	I/O	BMV7	72	I	ICY3
13	I/O	BMC2	33	O	OYVB	53	I/O	BMV8	73	I	ICY2
14	I/O	BMC3	34	-	A.G Y	54	-	D.VDD	74	I	ICY1
15	I/O	BMC4	35	O	OYIR	55	I	IGAC	75	-	D.G
16	I/O	BMC5	36	-	IYVR	56	I	IGL3	76	O	OADC
17	I/O	BMC6	37	O	OYVG	57	I	IGL2	77	I	IGNP
18	I/O	BMC7	38	O	OYIO	58	I	IGL1	78	I	IGBE
19	I/O	BMC8	39	-	A.VDD Y	59	I/O	BASO	79	I	IGPF
20	-	D.G	40	I	IGW1	60	I	IGC2	80	I	IGCK

INPUT
BPV : EXT/INT CLOCK SELECT
ICVR : ESTABLISHES MAXIMUM AMPLITUDE VALUE FOR OCIO (PIN 27)
IGAC : V CORRELATION CIRCUIT ON/OFF
IGBE : SINGLE WAVE DETECTION ON/OFF (Y/C SEPARATION MODE)
IGC1 : V CORRELATION CIRCUIT SELECT
IGC2 : CHROMA FLAT SECTION HORIZONTAL FILTER SELECT (Y/C SEPARATION MODE)
IGCK : EXTERNAL CLOCK
IGD0 : DROPOUT CORRECTION
IGH1 : FLAT SECTION HORIZONTAL FILTER SELECT (Y/C SEPARATION MODE)
IGH2 : SLEW MODE SET
IGH3 : LIMITER LEVEL ADJUST FOR Y SIGNAL COMB FILTER
IGNP : NTSC/PAL FORMAT SELECT
IGOC : OUTPUT ENABLE
IGPC : VCO CONTROL
IGPE : TEST
IGPF : PLL SUBCARRIER
IGRC : DELAY LINE LENGTH ADJUST
IGRP : Y/C SEPARATION AND PLAYBACK MODE SELECT
IGW1 - IGW5 : Y COMB FILTER DEPTH ADJUST
IGY1, IGY2 : EDGE SECTION HORIZONTAL FILTER SELECT (Y/C SEPARATION MODE)
IGZP : 1-BIT DELAY CIRCUIT
IGZV : VCR HEAD SWITCHING
IYC1 - IYC8 : VIDEO SIGNAL
IYVR : ESTABLISHES MAXIMUM AMPLITUDE VALUE FOR OYIO (PIN 38)

OUTPUT
OADC : CLOCK
OCIO : CHROMA ANALOG SIGNAL
OCIR : CONNECT A RESISTOR 16x LARGER THAN THE RESISTOR AT OCIO (PIN 27)
OCVB : CONNECT TO DIGITAL GND WHICH HAS A CAPACITANCE OF UP TO 0.1 μ F
OCVG : CONNECT TO AN ANALOG POWER SUPPLY WHICH HAS A CAPACITANCE OF UP TO 0.1 μ F
OPER : PLL ERROR
OR00 : "0" IS DETECTED AT ALL INPUTS
ORZH : 1-BIT DELAY CIRCUIT
OYIO : Y ANALOG SIGNAL
OYIR : CONNECT A RESISTOR 16x LARGER THAN THE RESISTOR AT OYIO (PIN 38)
OYVB : CONNECT TO DIGITAL GND WHICH HAS A CAPACITANCE OF UP TO 0.1 μ F
OYVG : CONNECT TO AN ANALOG POWER SUPPLY WHICH HAS A CAPACITANCE OF UP TO 0.1 μ F
OZPS : 1-BIT DELAY CIRCUIT
OZVD : VSYNC PERIOD MASK

INPUT/OUTPUT
BASO : EDGE DETECTION LEVEL SELECT (Y/C SEPARATION MODE)
BMC1 - BMC8 : CHROMA DIGITAL SIGNAL
BMV1 - BMV8 : Y DIGITAL SIGNAL

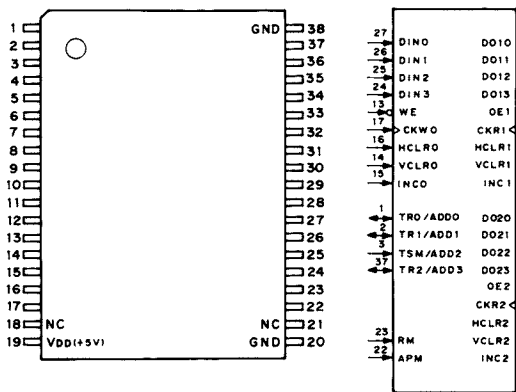
OTHER
A.G C : ANALOG GND FOR CHROMA D/A
A.G P : ANALOG GND FOR VCO
A.G Y : ANALOG GND FOR Y D/A
A.VDD C : ANALOG POWER SUPPLY FOR CHROMA D/A
A.VDD P : ANALOG POWER SUPPLY FOR VCO
A.VDD Y : ANALOG POWER SUPPLY FOR Y D/A
D.G : DIGITAL GND
D.VDD : POWER SUPPLY FOR DIGITAL



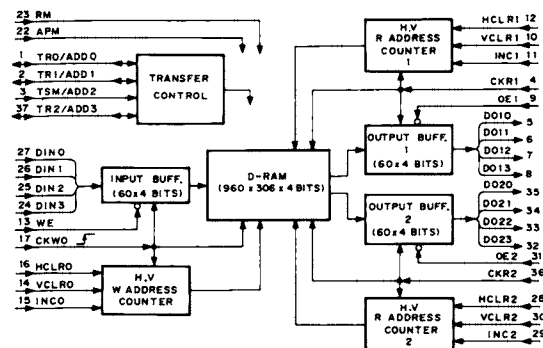
CXK1206AM (SONY) FLAT PACKAGE

C-MOS VIDEO FIELD MEMORY (960-COLUMNx306-ROWx4-BIT)

- TOP VIEW -



PIN	SIGNAL	DESCRIPTION
1	TR0/ADD0	W PORT 0 TRANSFER SYNC I/O, ADDRESS 0 INPUT
2	TR1/ADD1	R PORT 1 TRANSFER SYNC I/O, ADDRESS 1 INPUT
3	TSM/ADD2	TRANSFER SYNCHRONOUS MODE, ADDRESS 2 INPUT
4	CKR1	R PORT 1 SHIFT SIGNAL INPUT
5	DO10	R PORT 1 DATA 0 OUTPUT
6	DO11	R PORT 1 DATA 1 OUTPUT
7	DO12	R PORT 1 DATA 2 OUTPUT
8	DO13	R PORT 1 DATA 3 OUTPUT
9	OE1	R PORT 1 OUTPUT ENABLE INPUT
10	VCLR1	R PORT 1 VERTICAL CLEAR INPUT
11	INC1	R PORT 1 LINE INCREMENT INPUT
12	HCLR1	R PORT 1 HORIZONTAL CLEAR INPUT
13	WE	W PORT 0 WRITE ENABLE INPUT
14	VCLR0	W PORT 0 VERTICAL CLEAR INPUT
15	INC0	W PORT 0 LINE INCREMENT INPUT
16	HCLR0	W PORT 0 HORIZONTAL CLEAR INPUT
17	CKW0	W PORT 0 SHIFT SIGNAL INPUT
18	NC	(no connection)
19	VDD	+5V INPUT
20	GND	GND
21	NC	(no connection)
22	APM	ADDRESS PRESET MODE INPUT
23	RM	RECURSIVE MODE ENABLE INPUT
24	DIN3	W PORT 0 DATA 3 INPUT
25	DIN2	W PORT 0 DATA 2 INPUT
26	DIN1	W PORT 0 DATA 1 INPUT
27	DIN0	W PORT 0 DATA 0 INPUT
28	HCLR2	R PORT 2 HORIZONTAL CLEAR INPUT
29	INC2	R PORT 2 LINE INCREMENT INPUT
30	VCLR2	R PORT 2 VERTICAL CLEAR INPUT
31	OE2	R PORT 2 OUTPUT ENABLE INPUT
32	DO23	R PORT 2 DATA 3 OUTPUT
33	DO22	R PORT 2 DATA 2 OUTPUT
34	DO21	R PORT 2 DATA 1 OUTPUT
35	DO20	R PORT 2 DATA 0 OUTPUT
36	CKR2	R PORT 2 SHIFT SIGNAL INPUT
37	TR2/ADD3	R PORT 2 TRANSFER SYNC I/O, ADDRESS 3 INPUT
38	GND	GND

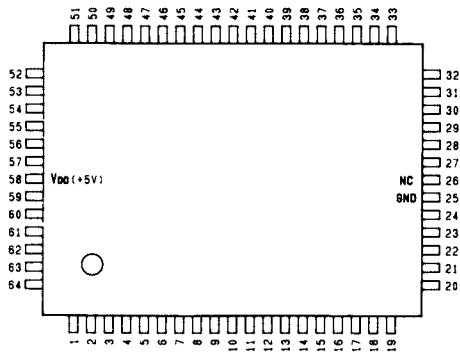


MODE SELECTION

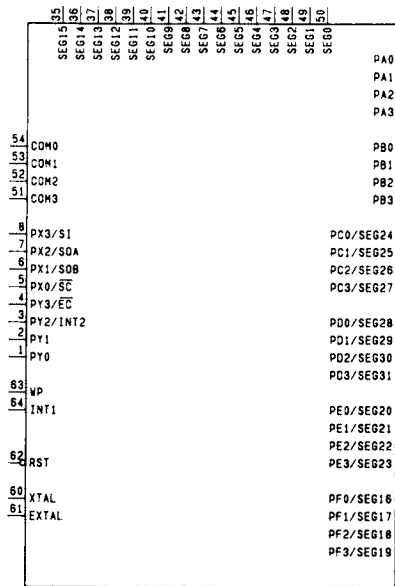
CONTROL INPUTS			TS		TR/ADD		MODE
RM	APM	TSM	TR 0-2	ADD 0-3			
0	0	0	OUT-PUT	-	NON RECURSIVE MODE, TRANSFER SYNCHRONOUS MODE OUTPUT		
0	0	1	IN-PUT	-	NON RECURSIVE MODE, TRANSFER SYNCHRONOUS MODE INPUT		
0	1	-	-	IN-PUT	NON RECURSIVE MODE, ADDRESS PRESET MODE		
1	0	0	OUT-PUT	-	RECURSIVE MODE, TRANSFER SYNCHRONOUS MODE OUTPUT		
1	0	1	IN-PUT	-	RECURSIVE MODE, TRANSFER SYNCHRONOUS MODE INPUT		

0:LOW LEVEL 1:HIGH LEVEL

- TOP VIEW -



No	I/O	SIGNAL	No	I/O	SIGNAL	No	I/O	SIGNAL	No	I/O	SIGNAL
1	0	PY0	17	I/O	PB0	33	0	PF1/SEG17	49	0	SEG1
2	0	PY1	18	I/O	PB1	34	0	PF0/SEG18	50	0	SEG0
3	I	PY2/INT2	19	I/O	PB2	35	0	SEG15	51	0	COM3
4	I	PY3/EC	20	I/O	PB3	36	0	SEG14	52	0	COM2
5	I/O	PKX/S02	21	I/O	PA0	37	0	SEG13	53	0	COM1
6	I/O	PX1/S0B	22	I/O	PA1	38	0	SEG12	54	0	COM0
7	I/O	PX2/SOA	23	I/O	PA2	39	0	SEG11	55	-	VLC1
8	I	PKX/S1	24	I/O	PA3	40	0	SEG10	56	-	VLC2
9	I/O	P00/SEG28	25	-	GND	41	0	SE 9	57	-	VLC3
10	I/O	P01/SEG29	26	-	NC	42	0	SEG8	58	-	VDD (+5V)
11	I/O	P02/SEG30	27	0	PE3/SEG23	43	0	SEG7	59	0	VL
12	I/O	P03/SEG31	28	0	PE2/SEG22	44	0	SEG6	80	0	XTAL
13	I/O	P04/SEG24	29	0	PE1/SEG21	45	0	SEG5	81	I	EXTAL
14	I/O	PC1/SEG25	30	0	PE0/SEG20	46	0	SEG4	82	I/O	RST
15	I/O	PC2/SEG26	31	0	PF3/SEG19	47	0	SEG3	83	I	VP
16	I/O	PC3/SEG27	32	0	PF2/SEG18	48	0	SEG2	64	I	INT1



```

INPUT          :CLOCK GENERATOR INPUT
EXTAL          :INTERRUPT INPUT 1
INT 1         :PORT Y BIT *2 AND INTERRUPT
INT2/PY2      :
PT3/EC        :EVENT COUNTER (8-BIT) INPUT AND PORT Y BIT *3 INPUT
SI/PX3        :SERIAL DATA AND PORT X BIT *3 INPUT
VP            :WAKE-UP INPUT TO CANCEL STANDBY MODE

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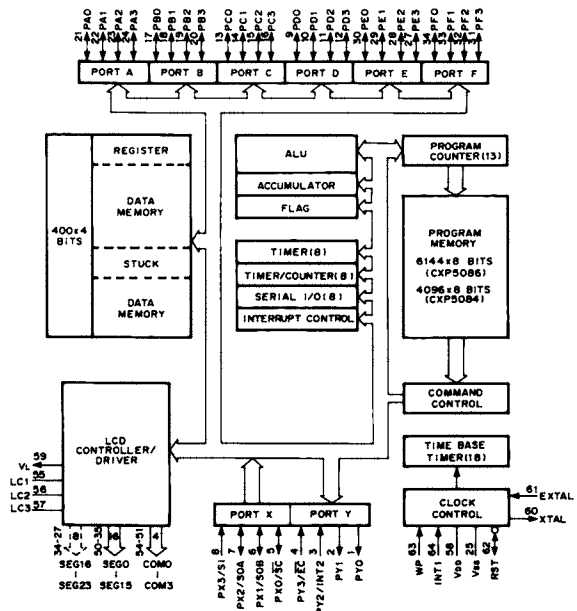
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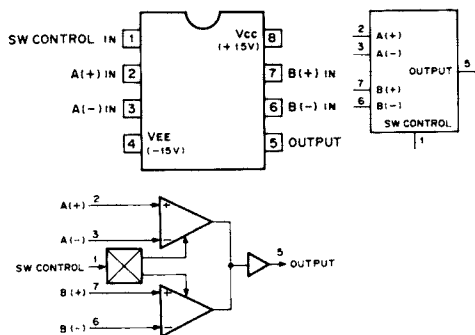
INPUT/OUTPUT
PA0-PA3      :PORT A(4-BIT)
PBB-PB3      :PORT B(4-BIT)
PBD-PB5      :PORT B(4-BIT) AND SEGMENT SIGNAL OUTPUT FOR LCD.
PC0-PC24     :PORT C(25-BIT) AND SEGMENT SIGNAL OUTPUT FOR LCD.
PD0/PSEG24-PC3/SEG27
PD1/PSEG25-PC4/SEG25
PD2/PSEG26-PC5/SEG25
:OUTPUT OF INTERNAL POWER ON RESET CIRCUIT
RST          :PORT X BIT 0* AND SERIAL I/O SHIFT CLOCK I/O INPUT
PX1/S0B      :PORT X BIT 1* AND SERIAL I/O INPUT
PX2/S0A      :AND SERIAL DATA OUTPUT OF SERIAL I/O INPUT
:PORT X BIT 2* AND SERIAL INTERFACE(0-BIT) INPUT

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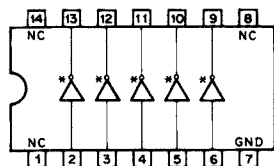
OTHERS
VLC1-VLC3 ;POWER SUPPLY FOR LCD



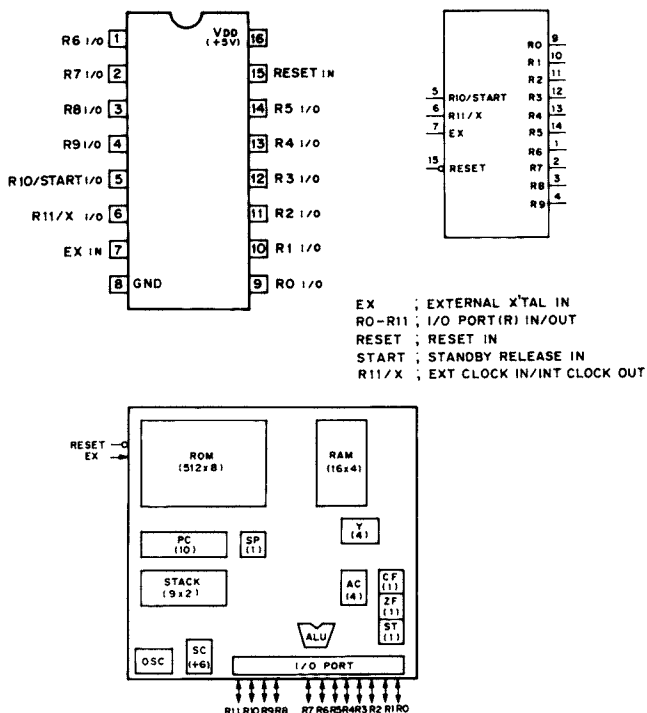
M5201FP (MITSUBISHI) FLAT PACKAGE
DUAL OPERATIONAL AMPLIFIERS WITH SWITCHED OUTPUT
- TOP VIEW -



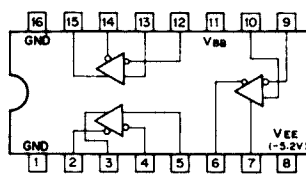
M54516F (MITSUBISHI) FLAT PACKAGE
M54516P (MITSUBISHI)
INVERTER WITH OPEN-COLLECTOR
(DARLINGTON-CONNECTED TRANSISTOR ARRAY)
- TOP VIEW -



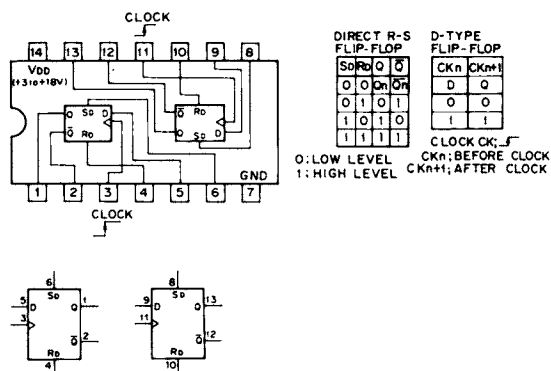
MB88201HPF-539N (FUJITSU)
C-MOS 4-BIT MICROCOMPUTER
- TOP VIEW -



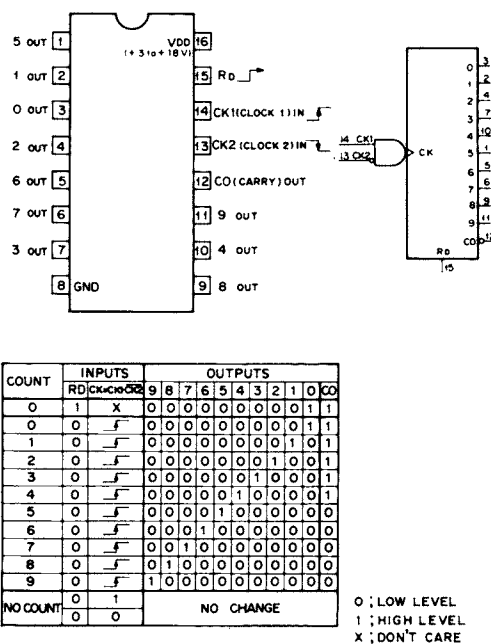
MC10H116M (MOTOROLA) FLAT PACKAGE
ECL TRIPLE DIFFERENTIAL OR/NOR LINE RECEIVERS
- TOP VIEW -



MC14013BF (MOTOROLA) FLAT PACKAGE
CMOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
- TOP VIEW -



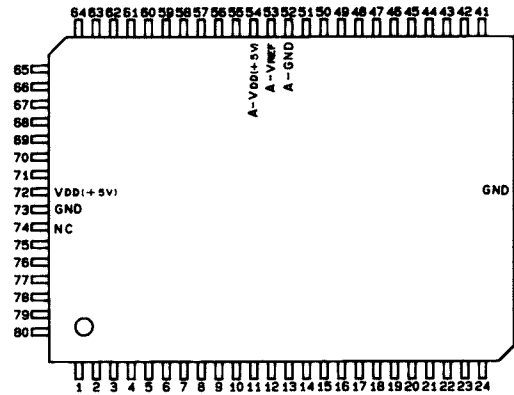
MC14017BF (MOTOROLA) FLAT PACKAGE
CMOS DECADE COUNTER/DIVIDER
- TOP VIEW -



CXP80116 (SONY) FLAT PACKAGE

C-MOS 8-BIT MICROCOMPUTER

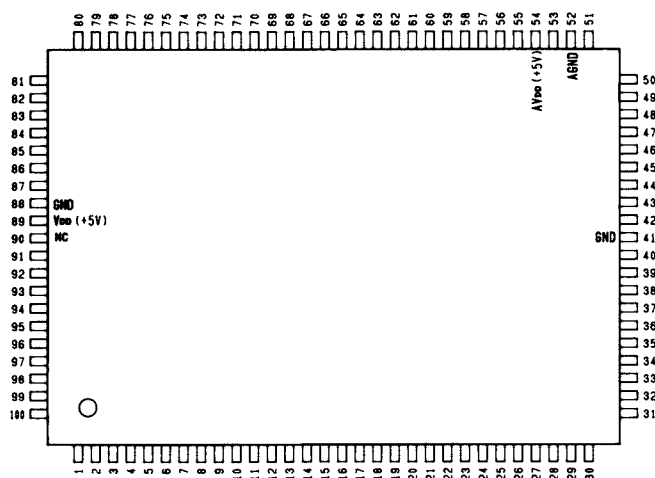
- TOP VIEW -

(V_{DD} = +5V)

PIN NO.	IO	SYMBOL	PIN NO.	IO	SYMBOL
1	O	PA1/PP01/A9	41	I	PF6/SI1
2	O	PA0/PP00/A8	42	IO	PF5/SO1
3	O	PB7/PP015/A7	43	IO	PF4/SCK1
4	O	PB6/PP014/A6	44	I	PF3/AN7
5	O	PB5/PP013/A5	45	I	PF2/AN6
6	O	PB4/PP012/A4	46	I	PF1/AN5
7	O	PB3/PP011/A3	47	I	PF0/AN4
8	O	PB2/PP010/A2	48	I	AN3
9	O	PB1/PP09/A1	49	I	AN2
10	O	PB0/PP08/A0	50	I	AN1
11	IO, O, IO	PC7/RT07/D7	51	I	AN0
12	IO, O, IO	PC6/RT06/D6	52	-	A-GND
13	IO, O, IO	PC5/RT05/D5	53	-	A-VREF
14	IO, O, IO	PC4/RT04/D4	54	-	A-VDD
15	IO, O, IO	PC3/RT03/D3	55	I	PG7/EX1
16	IO, O, IO	PC2/PP018/D2	56	I	PG6/EX10
17	IO, O, IO	PC1/PP017/D1	57	I	PG5/SYNC1
18	IO, O, IO	PC0/PP016/D0	58	I	PG4/SYNC0
19	IO, O	PD7/HALT	59	I	PG3/PBCTL
20	IO, O	PD6/BRQ	60	I	PG2/DFG
21	IO, O	PD5/BAK	61	I	PG1/DFG
22	IO, O	PD4/SYNC	62	I	PG0/CFG
23	IO, O	PD3/C	63	O	PE7/DAB1
24	IO, O	PD2/R/W	64	O	PE6/DAB0
25	IO, O	PD1/WR	65	O	PE5/DAA1
26	IO, O	PD0/RD	66	O	PE4/DAA0
27	O	PH3	67	O	PE3/PWM1
28	O	PH2	68	O	PE2/PWM0
29	O	PH1	69	I	PE1/EC/INT2
30	O	PH0	70	I	PE0/INT0
31	I	MP	71	I	NMI
32	IO	RST	72	-	V _{DD}
33	-	GND	73	-	GND
34	O	XTAL	74	-	NC
35	I	EXTAL	75	O	PA7/PP07/A15
36	I	CS0	76	O	PA6/PP06/A14
37	I	SIO	77	O	PA5/PP05/A13
38	O	S00	78	O	PA4/PP04/A12
39	IO	SCK0	79	O	PA3/PP03/A11
40	I	PF7/INT1/CS1	80	O	PA2/PP02/A10

18	PC0/PP016/D0	PB0/PP08/A0	10	INPUT
17	PC1/PP017/D1	PB1/PP09/A1	9	AN0 - AN7
16	PC2/PP018/D2	PB2/PP10/A2	8	BRQ
15	PC3/RT03/D3	PB3/PP11/A3	7	CFG
14	PC4/RT04/D4	PB4/PP12/A4	6	CS0.1
13	PC5/RT05/D5	PB5/PP13/A5	5	DFG
12	PC6/RT06/D6	PB6/PP14/A6	4	DPG
11	PC7/RT07/D7	PB7/PP15/A7	3	EC
		PA0/PP00/A8	2	EXTAL
		PA1/PP01/A9	1	EXTAL
31	AN0	PA2/PP02/A10	80	HALT
30	AN1	PA3/PP03/A11	79	INT0 - INT2
29	AN2	PA4/PP04/A12	78	MP
28	AN3	PA5/PP05/A13	77	NMI
27	PF0/AN4	PA6/PP06/A14	76	PBCTL
26	PF1/AN5	PA7/PP07/A15	75	PE0.1
25	PF2/AN6		74	PF0 - PF7
24	PF3/AN7		73	PG0 - PG7
		PE2/PWM0	68	SIO.1
62	PG0/CFG	PE3/PWM1	67	SYNC0.1
61	PG1/DFG	PE4/DAA0	66	
60	PG2/DFG	PE5/DAA1	65	OUTPUT
59	PG3/PBCTL	PE6/DAB0	64	A0 - A15
58	PG4/SYNC0	PE7/DAB1	63	BAK
57	PG5/SYNC1		62	C
56	PG6/EX10	PH0	61	DAA0.1
55	PG7/EX11	PH1	60	DAB0.1
		PH2	59	DA GATE PULSE OUTPUTS
26	PD0/RD	PH3	58	DA GATE PULSE OUTPUTS
25	PD1/WR		57	PORT A OUTPUTS
24	PD2/R/W		56	PORT B OUTPUTS
23	PD3/C	MP	55	PORT C OUTPUTS
22	PD4/SYNC	RST	54	PORT D OUTPUTS
21	PD5/BAK	S00	53	PORT E OUTPUTS
20	PD6/BRQ	SCK0	52	PORT F OUTPUTS
19	PD7/HALT	PF5/SO1	51	PORT G OUTPUTS
		PF4/SCK1	50	PORT H OUTPUTS
33	EXTAL	XTAL	49	PROGRAMMABLE PATTERN
32	CS0		48	GENERATOR OUTPUTS
31	SIO		47	CPU MACHINE SYCLE
30	PF7/INT1/CS1		46	READ
29	PF6/SIO		45	RT03 - RT07
28	PE1/EC/INT2		44	S00.1
27	PE0/INT0		43	SYNC
			42	WRITE
			41	XTAL
			40	SYSTEM CLOCK GENERATOR OUTPUT
			39	
			38	INPUT/OUTPUT
			37	D0 - D7
			36	PC0 - PC7
			35	PD0 - PD7
			34	RST
			33	SCK0.1
			32	DATA BUS
			31	PORT C
			30	PORT D
			29	RESET
			28	SERIAL CLOCK

CXP80624 (SONY) FLAT PACKAGE
C-MOS 8-BIT 1-CHIP MICROCOMPUTER
- TOP VIEW -



(VDD = AVDD = + 5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	PB5/PP013	26	I/O	PD4	51	I/O	PF4/AN8	76	O	PE2/PWM0
2	O	PB4/PP012	27	I/O	PD3	52	-	AGND	77	I	PE1/EC/INT2
3	O	PB3/PP011	28	I/O	PD2	53	I	AVREF	78	I	PE0/INT0
4	O	PB2/PP010	29	I/O	PD1	54	-	AVDD	79	I/O	PI7/SI1
5	O	PB1/PP009	30	I/O	PD0	55	I	PF3/AN7	80	I/O	PI6/SO1
6	O	PB0/PP008	31	I/O	PH7	56	I	PF2/AN6	81	I/O	PI5/SCK1
7	I/O	PC7/RT07	32	O	PH6	57	I	PF1/AN5	82	I/O	PI4/INT1
8	I/O	PC6/RT06	33	O	PH5	58	I	PF0/AN4	83	I/O	PI3/TO
9	I/O	PC5/RT05	34	O	PH4	59	I	AN3	84	I/O	PI2/PWM
10	I/O	PC4/RT04	35	O	PH3	60	I	AN2	85	I/O	PI1/PO
11	I/O	PC3/RT03	36	O	PH2	61	I	AN1	86	I	PI0/PCK
12	I/O	PC2/PP018	37	O	PH1	62	I	AN0	87	I	PK0
13	I/O	PC1/PP017	38	O	PH0	63	I	PG7/EX11	88	-	GND
14	I/O	PC0/PP016	39	O	MP	64	I	PG6/EX10	89	-	VDD
15	I/O	PJ7	40	I/O	RST	85	I	PG5/SYNC1	90	-	NC
16	I/O	PJ6	41	-	GND	86	I	PG4/SYNC0	91	O	PA7/PP07
17	I/O	PJ5	42	O	XTAL	87	I	PG3/PBCTL	92	O	PA6/PP06
18	I/O	PJ4	43	I	EXTAL	88	I	PG2/DPG	93	O	PA5/PP05
19	I/O	PJ3	44	I	CS0	89	I	PG1/DFG	94	O	PA4/PP04
20	I/O	PJ2	45	I	SI0	70	I	PG0/CFG	95	O	PA3/PP03
21	I/O	PJ1	46	O	SO0	71	O	PE7/DAB1	96	O	PA2/PP02
22	I/O	PJ0	47	I/O	SCK0	72	O	PE6/DAB0	97	O	PA1/PP01
23	I/O	PD7	48	I/O	PF7/AN11	73	O	PE5/DAA1	98	O	PA0/PP00
24	I/O	PD6	49	I/O	PF6/AN10	74	O	PE4/DAA0	99	O	PB7/PP015
25	I/O	PD5	50	I/O	PF5/AN9	75	O	PE3/PWM1	100	O	PB6/PP014

91	PA7/PP07	DAB1/PE7	71
92	PA6/PP06	DAB0/PE6	72
93	PA5/PP05	DAA1/PE5	73
94	PA4/PP04	DAA0/PE4	74
95	PA3/PP03	PWM1/PE3	75
96	PA2/PP02	PWM0/PE2	76
97	PA1/PP01	EC/INT2/PE1	77
98	PA0/PP00	INT0/PE0	78
99	PB7/PP015	EX11/PG7	83
100	PB6/PP014	EX10/PG6	84
1	PB5/PP013	SYNC1/PG5	85
2	PB4/PP012	SYNC0/PG4	86
3	PB3/PP011	PBCTL/PG3	87
4	PB2/PP010	DPG/PG2	88
5	PB1/PP009	DPG/PG1	89
6	PB0/PP008	DPG/PG0	90
7	PC7/RT07	PH7	31
8	PC6/RT06	PH6	32
9	PC5/RT05	PH5	33
10	PC4/RT04	PH4	34
11	PC3/RT03	PH3	35
12	PC2/PP018	PH2	36
13	PC1/PP017	PH1	37
14	PC0/PP016	PH0	38
23	PD7	SI1/PI7	79
24	PD6	SO1/PI6	80
25	PD5	SCK1/PI5	81
26	PD4	INT1/PI4	82
27	PD3	TO/PI3	83
28	PD2	PVR/PI2	84
29	PD1	PO/PI1	85
30	PD0	PCK/PI0	86
39	MP	PJ7	15
40	RST	PJ6	16
41		PJ5	17
42	XTAL	PJ4	18
43	EXTAL	PJ3	19
44		PJ2	20
45	CS0	PJ1	21
46	SI0	PJ0	22
47	SO0		
48	SCK0	PK0	87
49	AN11/PF7		
50	AN10/PF6		
51	AN9/PF5		
52	AN8/PF4		
53	AN7/PF3		
54	AN6/PF2		
55	AN5/PF1		
56	AN4/PF0		
57	AN3		
58	AN2		
59	AN1		
60	AN0		
61	AGND		
62	AVREF		
63	AVDD		
64			
65			
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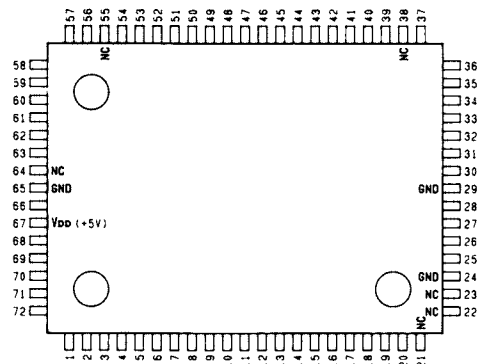
INPUT
 AN0 - AN11 : A-D CONVERTOR'S ANALOG INPUTS
 AVREF : A-D CONVERTOR'S REFERENCE VOLTAGE INPUT
 CFG : CAPSTAN FG INPUT
 CS0 : SERIAL INTERFACE CHANNLE 0 SELECT INPUT
 DPG,DFG : DURM PG AND FG INPUTS
 EC : EVENT CONTROL INPUT FOR TIMER/COUNTER
 EX10,EX11 : FRC CAPTURE UNITS' EXTERNAL INPUTS
 EXTAL : CRYSTAL CONNECTION OR EXTERNAL CLOCK INPUT
 FOR SYSTEM CLOCK GENERATOR
 INTO - INT2 : INTERRUPT REQUEST INPUTS (FALLING EDGE ACTIVE)
 PBCTL : PLAYBACK CTL PULSE INPUT
 PCK : PRESCALER'S EXTERNAL CLOCK INPUT
 PE0,PE1 : INPUTS OF PORT E (PE2 - PE7 : OUTPUTS)
 PF0 - PF3 : INPUTS OF PORT F (PF4 - PF7 : OUTPUTS)
 PG0 - PG7 : INPUTS OF PORT G
 PI0 : INPUT OF PORT I (PI1 - PI7 : INPUTS/OUTPUTS)
 PK0 : INPUT OF PORT K
 SI0,SI1 : SERIAL DATA INPUTS (CHANNLE 0 AND CHANNLE 1)
 SYNC0,SYNC1 : COMPOSITE SYNC SIGNAL INPUTS

OUTPUT
 DAA0,DAB0 : DA GATE PULSE OUTPUTS (12 BITS PWM CHANNLE 0)
 DAA1,DAB1 : DA GATE PULSE OUTPUTS (12 BITS PWM CHANNLE 1)
 MP : MICROPROCESSOR MODE INPUT
 PA0 - PA7 : OUTPUTS OF PORT A
 PB0 - PB7 : OUTPUTS OF PORT B
 PE2 - PE7 : OUTPUTS OF PORT E (PE0, PE1 : INPUTS)
 PF4 - PF7 : OUTPUTS OF PORT F (PF0 - PF3 : INPUTS)
 PH0 - PH7 : OUTPUTS OF PORT H (N-CH OPEN DRAIN OUTPUTS)
 PPO0 - PPO18 : PROGRAMMABLE PATTERN GENERATOR OUTPUS
 PO : PRESCALER OUTPUT
 PWM : PULSE WIDTH MODULATION OUTPUT
 PWM0,PWM1 : 12 BITS PULSE WIDTH MODULATION OUTPUTS
 (CHANNLE 0 AND CHANNLE 1)
 RT03 - RT07 : REALTIME PULSE GENERATOR OUTPUTS
 SO0,SO1 : SERIAL DATA OUTPUTS (CHANNLE 0 AND CHANNLE 1)
 TO : TIMER/COUNTER OUTPUT (DUTY 50%)
 XTAL : CRYSTAL CONNECTION

INPUT/OUTPUT
 PC0 - PC7 : INPUTS/OUTPUTS OF PROT C (BIT PROGRAMMABLE)
 PD0 - PD7 : INPUTS/OUTPUTS OF PROT D (4 BITS PROGRAMMABLE)
 PI1 - PI7 : INPUTS/OUTPUTS OF PROT I (BIT PROGRAMMABLE, PIO : INPUT)
 PJ0 - PJ7 : INPUTS/OUTPUTS OF PROT J (BIT PROGRAMMABLE)
 RST : SYSTEM RESET INPUT AND POWER ON RESET OUTPUT
 SCK0,SCK1 : SERIAL CLOCK INPUTS/OUTPUTS (CHANNLE 0 AND CHANNLE 1)

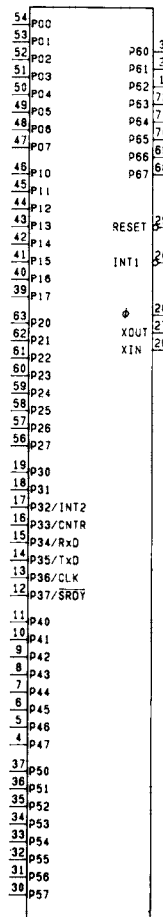
OTHER
 AGND : A-D CONVERTOR'S GROUND
 AVDD (+ 5V) : A-D CONVERTOR'S VDD

M50747H-161FP (MITUBISHI)
C-MOS 8-BIT MICROCOMPUTER
- TOP VIEW -



(V_{DD} = +5V)

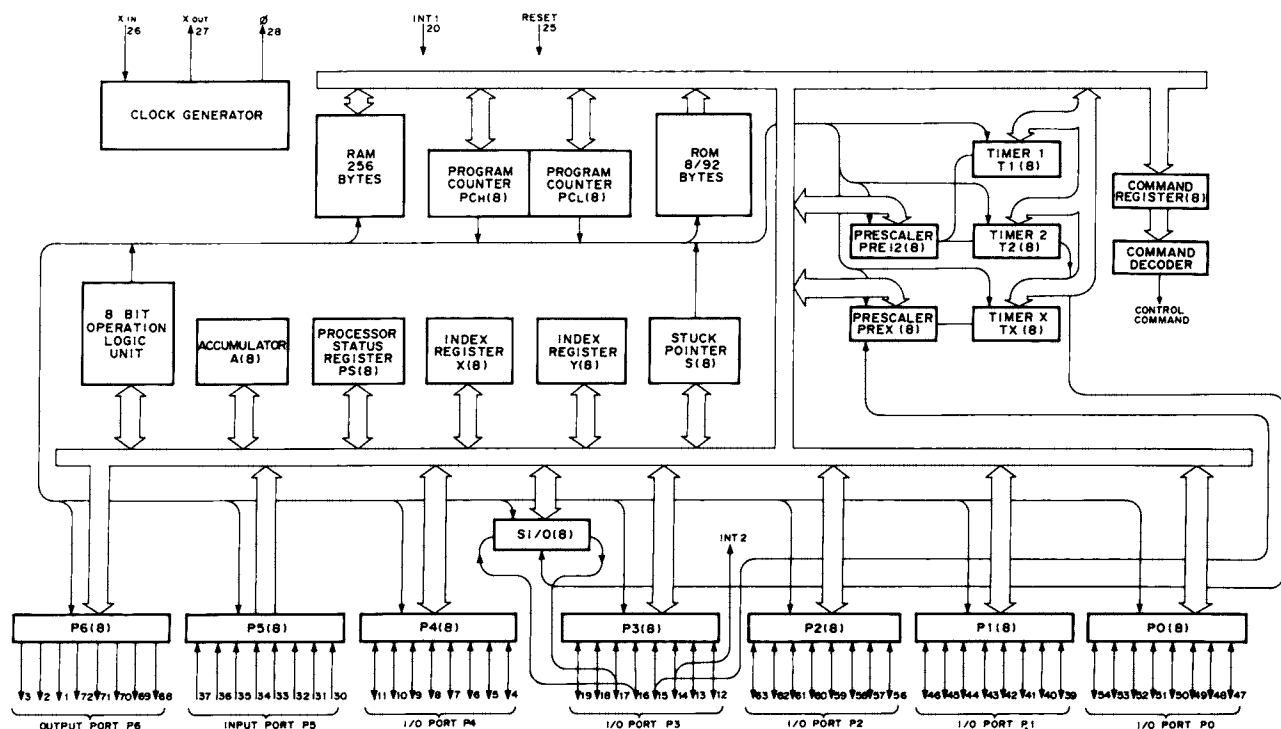
Pin	No	I/O	SIGNAL	Pin	No	I/O	SIGNAL	Pin	No	I/O	SIGNAL	Pin	No	I/O	SIGNAL
1	0		P62	19	I/O	P30	37	I	P50	55	-	NC			
2	0		P61	20	I	INT1	38	-	NC	56	I/O	P27			
3	0		P60	21	-	NC	39	I/O	P17	57	I/O	P26			
4	I/O		P47	22	-	NC	40	I/O	P16	58	I/O	P25			
5	I/O		P46	23	-	NC	41	I/O	P15	59	I/O	P24			
6	I/O		P45	24	-	GND	42	I/O	P14	60	I/O	P23			
7	I/O		P44	25	I	RESET	43	I/O	P13	61	I/O	P22			
8	I/O		P43	26	I	XIN	44	I/O	P12	62	I/O	P21			
9	I/O		P42	27	0	XOUT	45	I/O	P11	63	I/O	P20			
10	I/O		P41	28	0	φ	46	I/O	P10	64	-	NC			
11	I/O		P40	29	-	GND	47	I/O	P07	65	-	GND			
12	I/O		P37/SRDY	30	I	P57	48	I/O	P06	66	-	NC			
13	I/O		P36/CLK	31	I	P56	49	I/O	P05	67	-	V _{CC}			
14	I/O		P35/TxD	32	I	P55	50	I/O	P04	68	0	P67			
15	I/O		P34/RxD	33	I	P54	51	I/O	P03	69	0	P66			
16	I/O		P33/CNTR	34	I	P53	52	I/O	P02	70	0	P65			
17	I/O		P32/INT2	35	I	P52	53	I/O	P01	71	0	P64			
18	I/O		P31	36	I	P51	54	I/O	P00	72	0	P63			



INPUT
INT1 : INTERRUPT INPUT (MSB)
P50-P57 : 8-BIT INPUT PORT P5
RESET : RESET WHEN SET TO "L" FOR 2us OR MORE.
XIN : CLOCK INPUT

OUTPUT
φ : TIMING OUTPUT
P60-P67 : 8-BIT OUTPUT PORT P6
XOUT : CLOCK OUTPUT

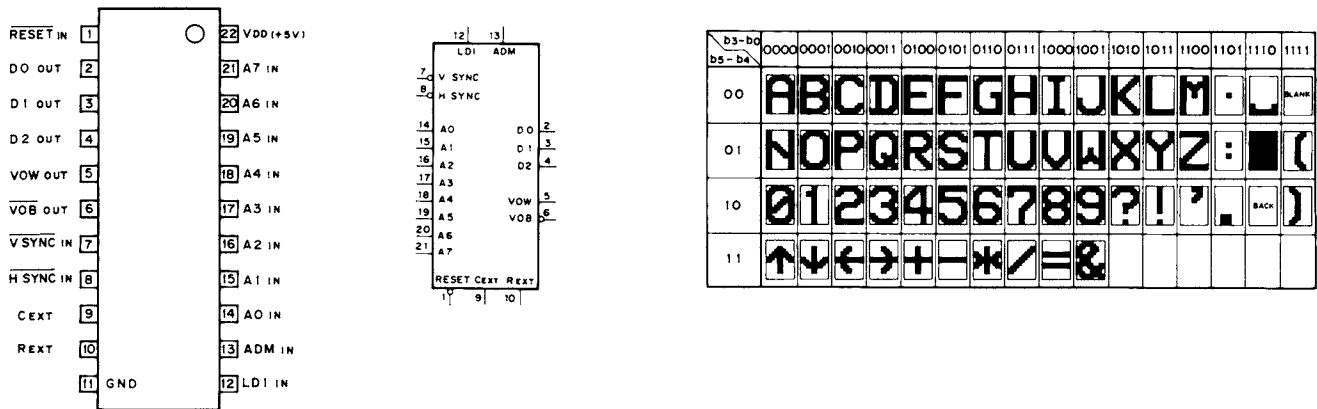
INPUT/OUTPUT
P00-P07 : 8-BIT I/O PORT P0
P10-P17 : 8-BIT I/O PORT P1
P20-P27 : 8-BIT I/O PORT P2
P30-P37 : 8-BIT I/O PORT P3
P40-P47 : 8-BIT I/O PORT P4
P32/INT2 : PORT/INTERRUPT INPUT
P33/CNTR : PORT/CONTROL INPUT OUTPUT
P34/RxD : RECEIVED DATA
P35/TxD : TRANSMITTED DATA
P36/CLK : PORT/CLOCK INPUT OUTPUT
P37/SRDY : SERL IN READY



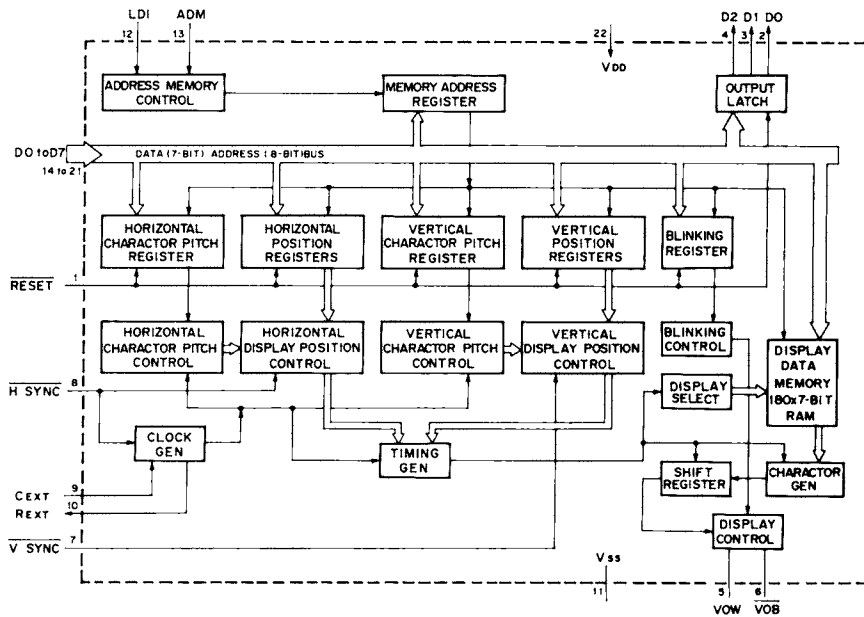
MB88303 (FUJITSU)

N-MOS PROGRAMMABLE TV DISPLAY CONTROLLER

- TOP VIEW -

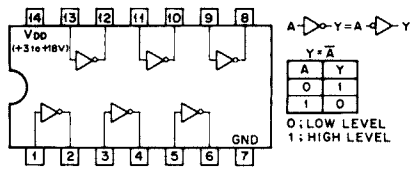


ADM : ADDRESS INCREMENT MODE
 A0 to A7 : ADDRESS INPUT
 D0 to D2 : DATA OUTPUT
 CEXT : EXT CAPACITOR FOR OSC
 LDI : LOAD DATA AND INSTRUCTION
 VOB : VIDEO BLACK OUT
 VOW : VIDEO WHITE OUT
 REXT : EXT RESISTOR FOR OSC



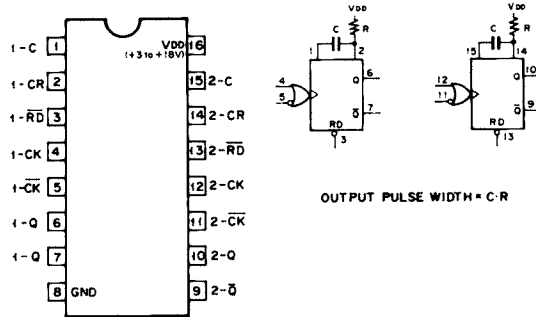
MC14069UBF (MOTOROLA)

C-MOS INVERTER
- TOP VIEW -

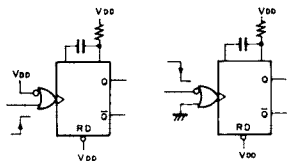


MC14538BF (MOTOROLA) FLAT PACKAGE

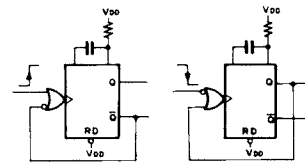
C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS
- TOP VIEW -



RETRIGGERABLE M.M.V

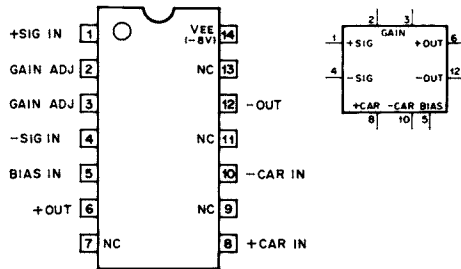


NON-RETRIGGERABLE M.M.V



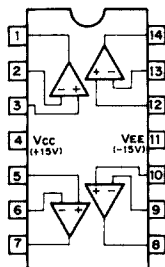
MC1496M (MOTOROLA) FLAT PACKAGE

BALANCED MODULATOR/DEMODULATOR
- TOP VIEW -



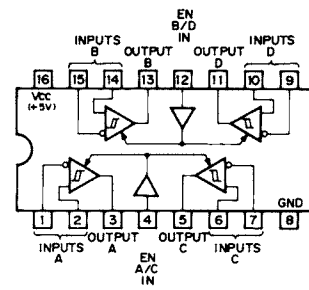
MC34184M (MOTOROLA) FLAT PACKAGE

JFET INPUT OPERATIONAL AMPLIFIER
- TOP VIEW -



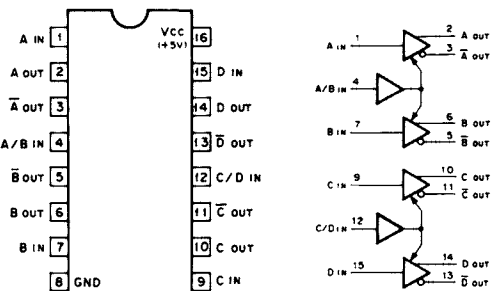
MC3486N (TI)

QUAD RS-422/423 LINE RECEIVER WITH 3-STATE OUTPUTS
- TOP VIEW -



MC3487N (MOTOROLA)

QUAD RS-422 LINE DRIVER WITH 3-STATE OUTPUTS
- TOP VIEW -

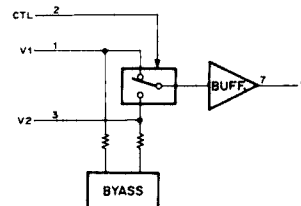
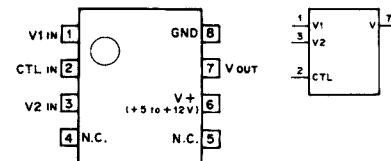


A, B, C, D IN	A/B, C/D IN	A, B, C, D OUT	A̅, B̅, C̅, D̅ OUT
0	0	0	1
1	0	1	0
X	1	HI-Z	HI-Z

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE
HI-Z: HIGH IMPEDANCE

NJM2233BM (JRC) FLAT PACKAGE

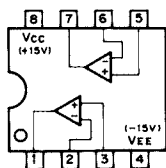
2-INPUT VIDEO SIGNAL SWITCH
- TOP VIEW -



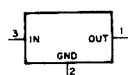
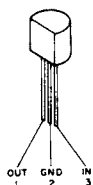
CTL	V
0	V1
1	V2

0: LOW LEVEL
1: HIGH LEVEL

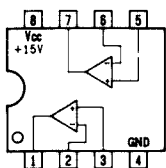
NJM4562M (JRC) FLAT PACKAGE
 RC4558M (RAYTHEON) FLAT PACKAGE
 RC4560M (RAYTHEON) FLAT PACKAGE
 DUAL OPERATIONAL AMPLIFIER
 - TOP VIEW -



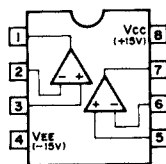
NJM78L05A (JRC) + 5V (100mA)
 RC78L05A (RAYTHEON) + 5V (100mA)
 POSITIVE VOLTAGE REGULATOR



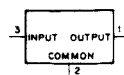
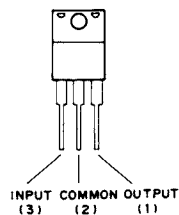
RC3414M (NJM) FLAT PACKAGE
 DUAL OPERATIONAL AMPLIFIER
 - TOP VIEW -



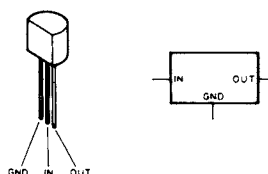
RC4556MA (RAYTHEON) FLAT PACKAGE
 OPERATIONAL AMPLIFIER
 (WIDE BAND, DECOMPENSATED)
 - TOP VIEW -



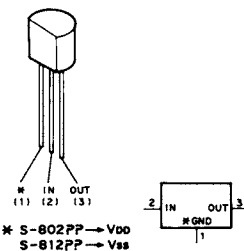
RC7805FA (RAYTHEON) + 5V
 POSITIVE VOLTAGE REGULATOR
 - FRONT VIEW -



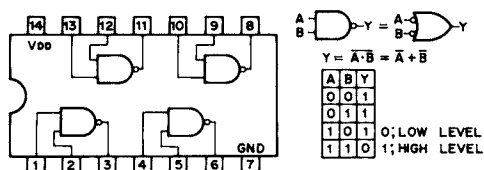
RC79L05A (RAYTHEON) - 5V
 NEGATIVE VOLTAGE REGULATOR (100mA)



S-80230AG (SEIKO I AND E) - 3V
 S-81230AG (SEIKO I AND E) + 3V
 C-MOS VOLTAGE REGULATOR



SN74HC00ANS (TI) FLAT PACKAGE
 C-MOS QUAD 2-INPUT NAND GATES
 - TOP VIEW -

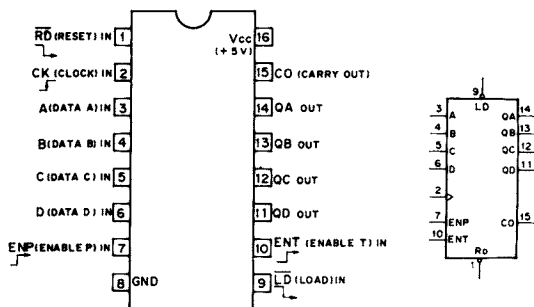


NOTE :

TYPE	V _{DD}
TC74AC00 TYPE	+2 to +5.5V
MC74HCT00N	+5V
74ACT00 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

SN74ALS163BNS (TI) FLAT PACKAGE

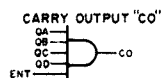
TTL PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER
- TOP VIEW -



MODE SELECTION

CONTROL INPUTS				MODE
Rd	LD	ENP	ENT	
0	X	X	X	RESET (SYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE



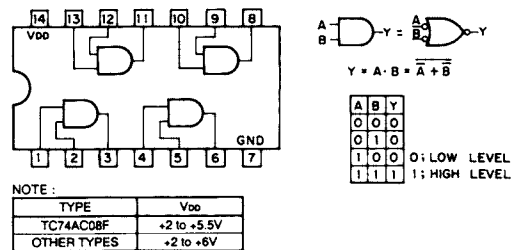
CO IS HIGH WHEN ENT INPUT IS HIGH AND COUNT IS "15".

COUNT SEQUENCE

COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

SN74HC08ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT AND GATES
- TOP VIEW -

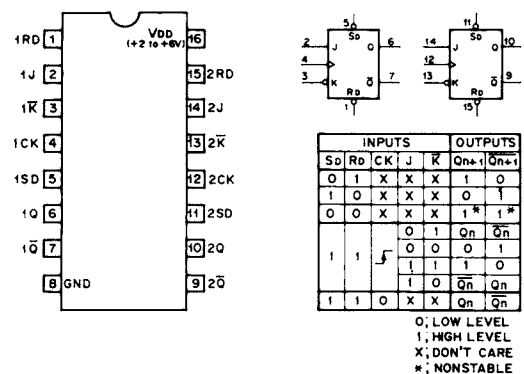


NOTE:

TYPE	VDD
TC74AC08F	+2 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC109ANS (TI) FLAT PACKAGE

C-MOS J-K FLIP-FLOP WITH DIRECT SET/RESET
- TOP VIEW -

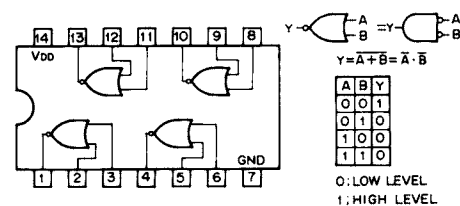


INPUTS					OUTPUTS	
S _D	R _D	CK	J	K	Q _{n+1}	Q̄ _{n+1}
0	1	X	X	X	1	0
1	0	X	X	X	0	1
0	0	X	X	X	1*	1*
1	1		0	1	Q _n	Q̄ _n
			0	0	0	1
			1	1	1	0
			1	0	Q̄ _n	Q _n
1	1	0	X	X	Q̄ _n	Q _n

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE
*: NONSTABLE

SN74HC02ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT NOR GATES
- TOP VIEW -

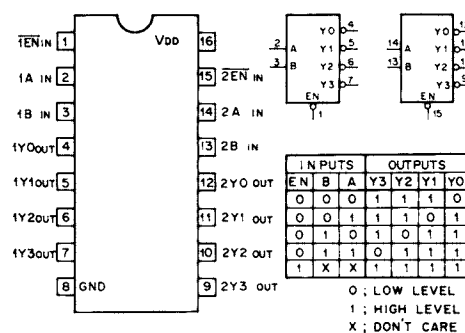


NOTE:

TYPE	VDD
TC74AC02F	+2 to +5.5V
74ACT02SJ	+4.5 to +5.5V
TC74ACT02F	+2 to +6V
OTHER TYPES	+2 to +6V

SN74HC139ANS (TI) FLAT PACKAGE

C-MOS DUAL 2-TO-4 DECODER/DEMULTIPLEXER
- TOP VIEW -

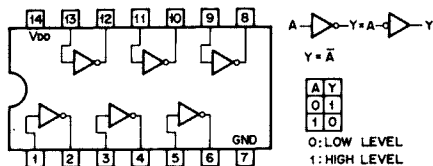


NOTE:

TYPE	VDD
74AC/74HC	+2 to +6V
74ACT	+5V
TC74AC139	+2 to +5.5V

SN74HC04ANS (TI) FLAT PACKAGE

C-MOS HEX INVERTERS
- TOP VIEW -

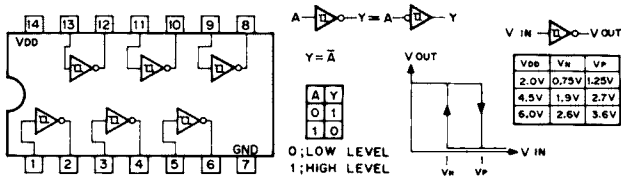


NOTE:

TYPE	VDD
74HCT04 TYPE	+5V
TC74AC04 TYPE	+2 to +5.5V
74ACT04 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC14ANS (TI) FLAT PACKAGE

C-MOS HEX SCHMITT TRIGGER INVERTERS
- TOP VIEW -

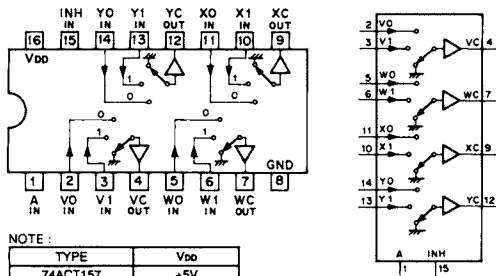


NOTE:

TYPE	V _{DD}
TC74AC14 TYPE	+2 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC157ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
- TOP VIEW -



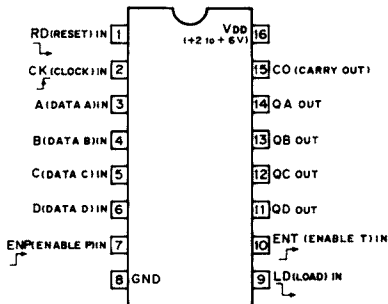
NOTE:

TYPE	V _{DD}
74ACT157	+5V
TC74AC157P	+2 to +5.5V
TC74AC157F	+2 to +6V

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

SN74HC160NS (TI)

C-MOS SYNCHRONOUS PRESETTABLE 4-BIT DECADE COUNTER
- TOP VIEW -



MODE SELECTION				
CONTROL INPUTS				MODE
R _D	LD	ENP	ENT	
0	X	X	X	RESET (ASYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

CARRY OUTPUT "CO"



CO IS HIGH WHEN ENT INPUT IS HIGH AND COUNT IS "9".

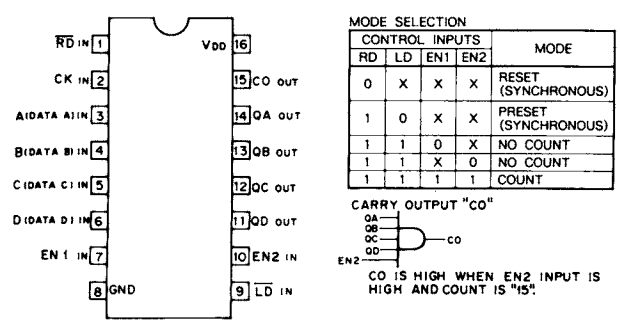
COUNT SEQUENCE

COUNT	OUTPUTS				
	QD	QC	QB	QA	CO
0	0	0	0	0	0
1	0	0	0	1	0
2	0	0	1	0	0
3	0	0	1	1	0
4	0	1	0	0	0
5	0	1	0	1	0
6	0	1	1	0	0
7	0	1	1	1	0
8	1	0	0	0	0
9	1	0	0	1	1

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

SN74HC163ANS (TI) FLAT PACKAGE

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER
- TOP VIEW -



NOTE:

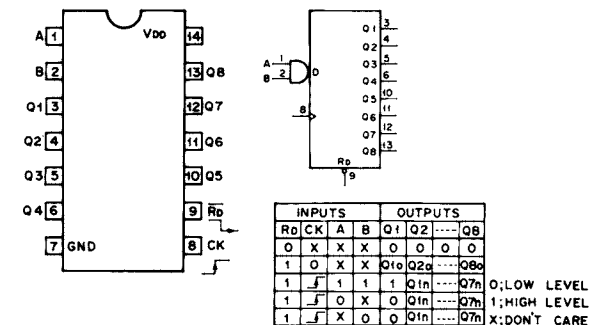
TYPE	V _{DD}
74ACT163 TYPE	+4.5 to +5.5V
TC74AC163 TYPE	+2 to +5.5V
OTHER TYPES	+2 to +6V

COUNT SEQUENCE

COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

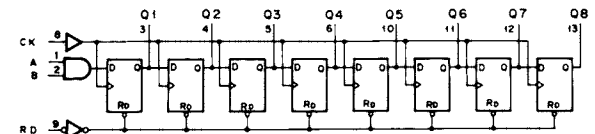
SN74HC164ANS (TI) FLAT PACKAGE

C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
- TOP VIEW -



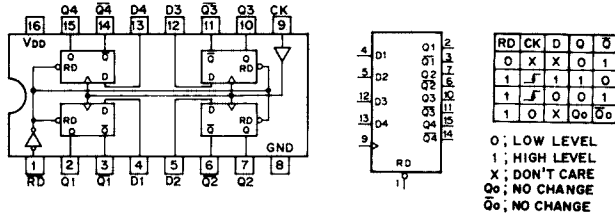
NOTE:

TYPE	V _{DD}
TC74AC164 TYPE	+2 to +5.5V
OTHER TYPES	+2 to +6V



SN74HC175ANS (TI) FLAT PACKAGE

C-MOS QUAD D-TYPE FLIP-FLOPS WITH RESET
- TOP VIEW -

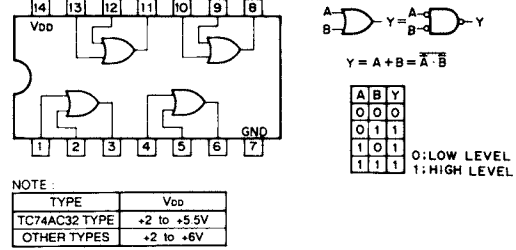


NOTE:

TYPE	V _{DD}
TC74AC175F	+2 to +5.5V
74ACT175 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

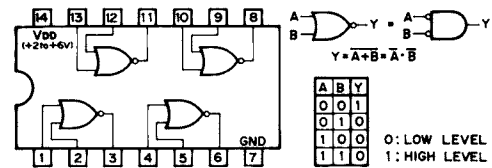
SN74HC32ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT OR GATES
- TOP VIEW -



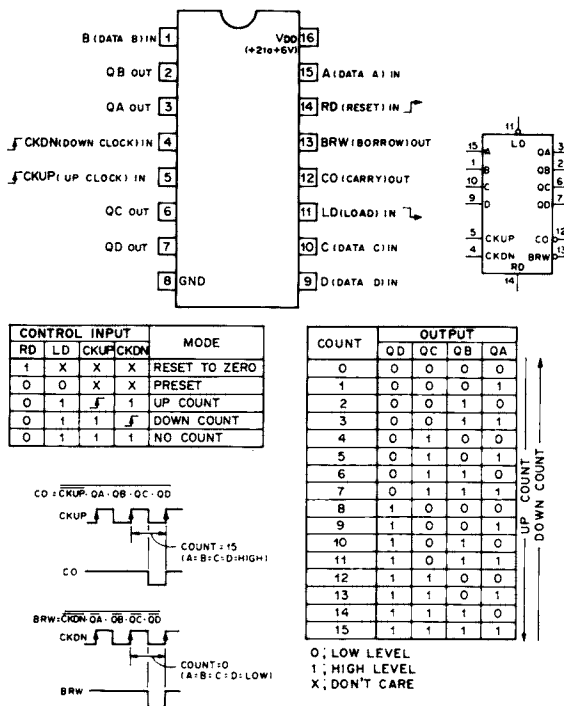
SN74HC36NS (TI) FLAT PACKAGE

C-MOS 2-INPUT NOR GATE
- TOP VIEW -



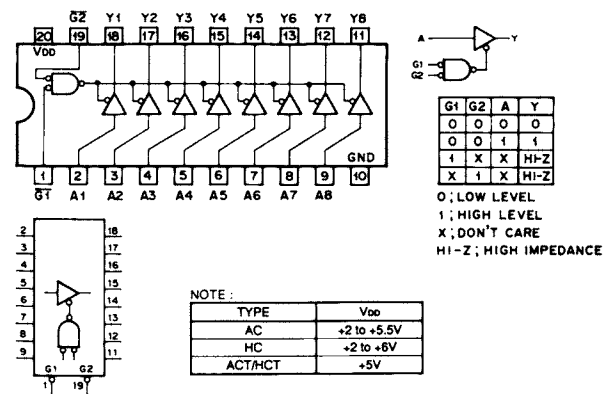
SN74HC193ANS (TI) FLAT PACKAGE

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT UP/DOWN COUNTER
- TOP VIEW -



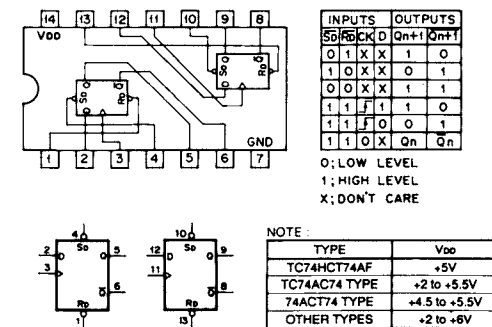
SN74HC541ANS (TI) FLAT PACKAGE

C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS
- TOP VIEW -



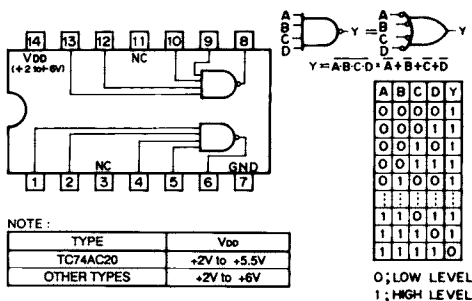
SN74HC74ANS (TI) FLAT PACKAGE

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
- TOP VIEW -



SN74HC20ANS (TI) FLAT PACKAGE

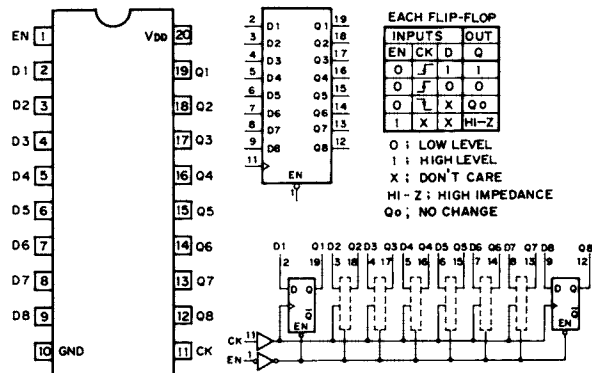
C-MOS 4-INPUT POSITIVE-NAND GATE
- TOP VIEW -



SN74HC574ANS (TI) FLAT PACKAGE

CMOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP

- TOP VIEW -



NOTE :

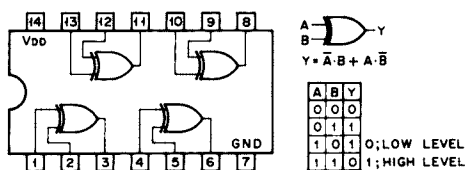
TYPE	V _{DD}
74AC/74HC	+2 to +6V
74ACT/74HCT	+5V
TC74AC574F	+2 to +5.5V

SN74HC86ANS (TI) FLAT PACKAGE

TC74HC86AF (TOSHIBA) FLAT PACKAGE

CMOS QUAD EXCLUSIVE OR GATES

- TOP VIEW -



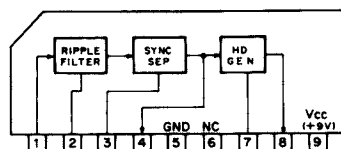
NOTE :

TYPE	V _{DD}
TC74AC86 TYPE	+2 to +5.5V
OTHER TYPES	+2 to +6V

TA7357AP (TOSHIBA)

SYNC SEPARATOR/HD PULSE GENERATOR

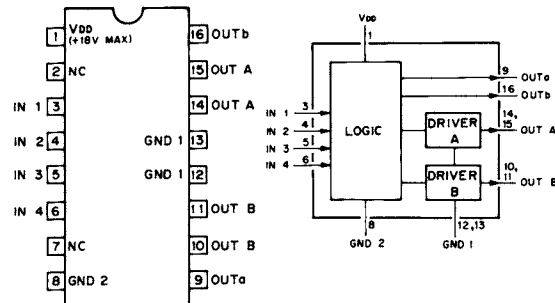
- SIDE VIEW -



TA7733F (TOSHIBA) FLAT PACKAGE

FUNCTIONABLE BRIDGE DRIVER

- TOP VIEW -



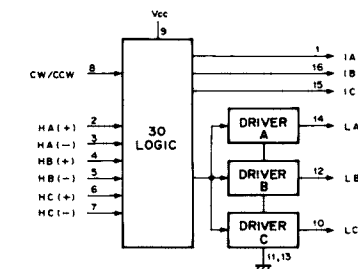
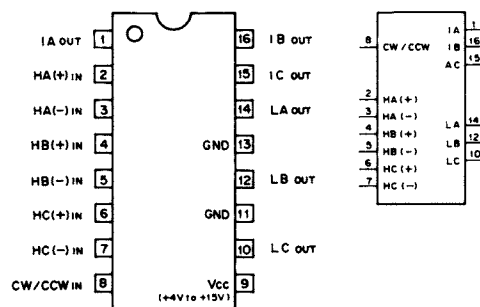
CONTROL	INPUTS				OUTPUTS				MODE
	IN1	IN2	IN3	IN4	OUTa	OUTb	OUTa	OUTb	
2-INPUT CONTROL	1	0	1	1	ON	ON	ON	ON	FWD
	0	1	1	1	ON	ON	ON	ON	REV
	1	1	1	1	ON	ON	ON	ON	BRAKE
	0	0	1	1	ON	ON	ON	ON	STOP
1-INPUT CONTROL	1	0	0	1	ON	ON	ON	ON	A ON
	0	0	0	1	ON	ON	ON	ON	B ON
	X	1	0	1	ON	ON	ON	ON	AB ON
	0	0	0	0	ON	ON	ON	ON	INHIBIT

0 : LOW LEVEL
1 : HIGH LEVEL
X : DONT CARE

TA7745F (TOSHIBA) FLAT PACKAGE

DC MOTOR DRIVER

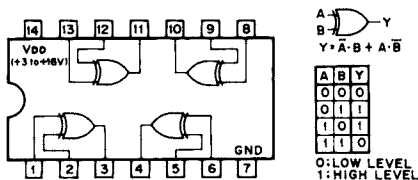
- TOP VIEW -



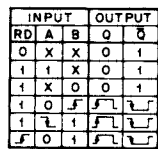
TC4030BFHB (TOSHIBA) FLAT PACKAGE

CMOS EXCLUSIVE OR GATE

- TOP VIEW -

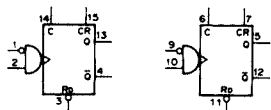


C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS
- TOP VIEW -



0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

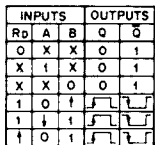
OUTPUT PULSE WIDTH = 0.46CR



NOTE :

TYPE	V _{DD}
TC74HCT123AF	+5V
OTHER TYPES	+2 to +6V

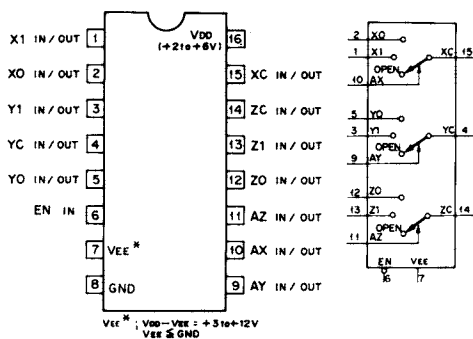
C-MOS MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
- TOP VIEW -



0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE

OUTPUT PULSE WIDTH = 0.7CR

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
- TOP VIEW -

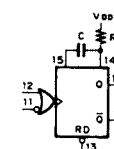
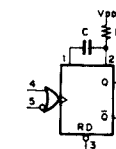
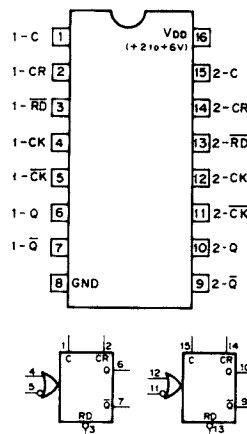
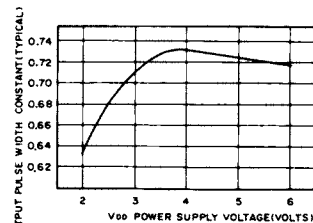

$$V_{EE}^* : V_{DD} - V_{EE} = +310 + 12V$$

$$V_{EE} \leq GND$$

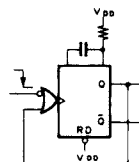
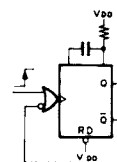
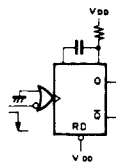
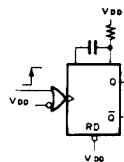
CONT. INPUTS		ON CHANNEL
EN	A (X, Y, Z)	
0	0	0
0	1	1
1	X	OPEN

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

C - MOS DUAL RETRIGGERABLE / NON - RETRIGGERABLE MONOSTABLE
- TOP VIEW -

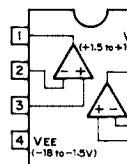

$$\text{OUTPUT PULSE WIDTH} = k \cdot C \cdot R$$


NON-RETRIGGERABLE M.M.V

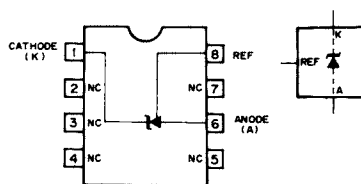


OPERATIONAL AMPLIFIER (JFET INPUT)

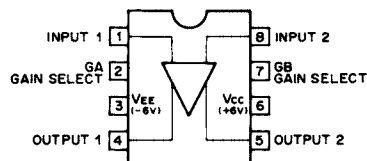
- TOP VIEW -



ADJUSTABLE PRECISION SHUNT REGULATOR
- TOP VIEW -



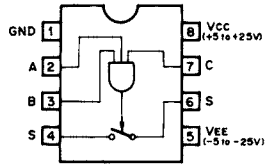
DIFFERENTIAL VIDEO AMPLIFIER
- TOP VIEW -



TL610CPS (TI) FLAT PACKAGE

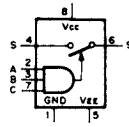
MOS ANALOG SWITCH

- TOP VIEW -



CONT IN			S
A	B	C	
0	X	X	OFF(OPEN)
X	0	X	OFF(OPEN)
X	X	0	OFF(OPEN)
1	1	1	ON(CLOSED)

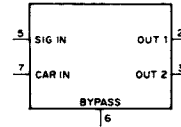
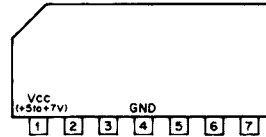
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE



UPC1037HA (NEC)

DOUBLE-BALANCED MODULATOR

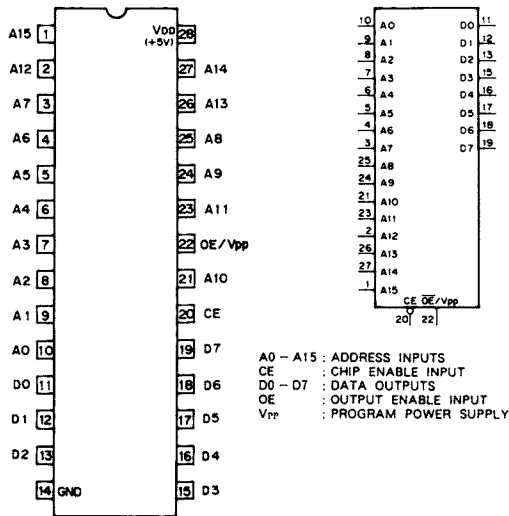
- SIDE VIEW -



TMS27C512-20JL (TI)

C-MOS 512K (65,536x8 = 524,288)-BIT ERASABLE PROM

- TOP VIEW -

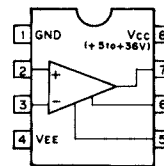


A0 - A15 : ADDRESS INPUTS
CE : CHIP ENABLE INPUT
D0 - D7 : DATA OUTPUTS
OE : OUTPUT ENABLE INPUT
V_{PP} : PROGRAM POWER SUPPLY

UPC311G2 (NEC) FLAT PACKAGE

VOLTAGE COMPARATOR

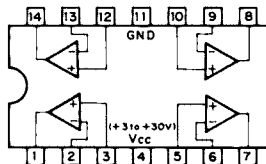
- TOP VIEW -



UPC324G2 (NEC) FLAT PACKAGE

QUAD OPERATIONAL AMPLIFIERS

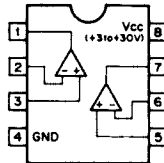
- TOP VIEW -



UPC358G2 (NEC) FLAT PACKAGE

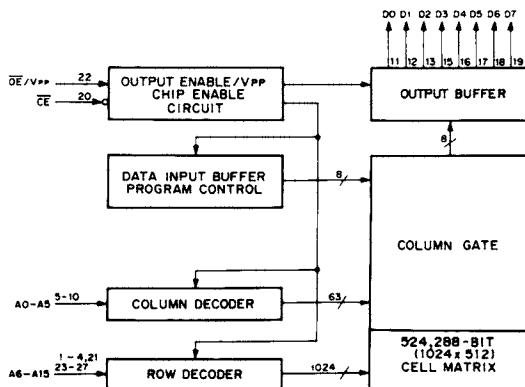
DUAL OPERATIONAL AMPLIFIERS

- TOP VIEW -

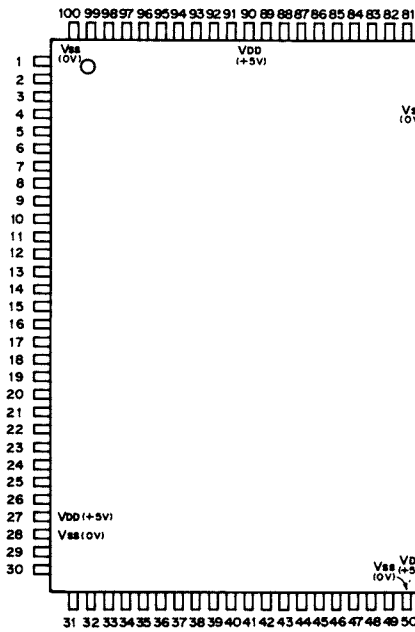


A _n	CE	OE/V _{PP}	V _{DD}	D _n	FUNCTION
A _{IN}	0	0	+5V	D _{OUT}	READ
A _{IN}	0	1	+5V	HI-Z	OUTPUT DISABLE
X	1	X	+5V	HI-Z	STANDBY
A _{IN}	0	+12.5V	+6V	D _{IN}	PGM
A _{IN}	0	0	+6V	D _{OUT}	PGM VERIFY
X	1	+12.5V	+6V	HI-Z	PGM INH

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
HI-Z : HIGH IMPEDANCE

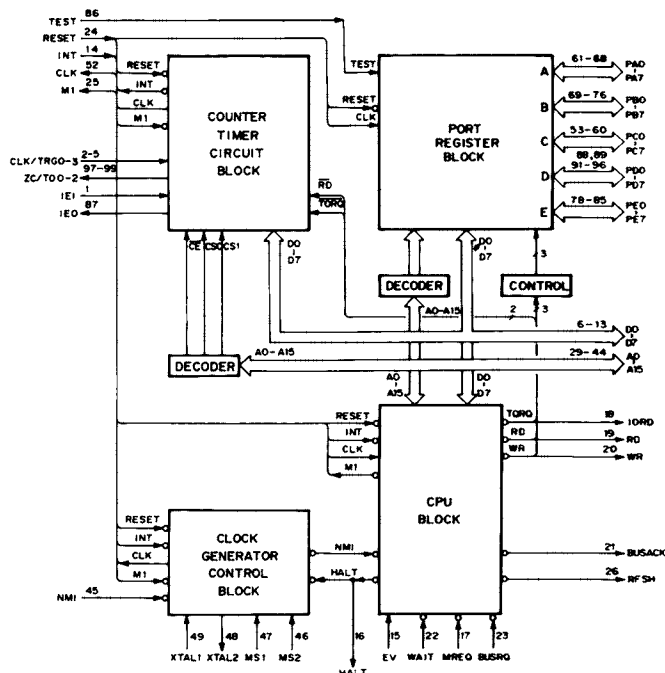


TMPZ84C011BF-6 (TOTHIBA)
C-MOS 8 BIT MICROPROCESSOR
- TOP VIEW -

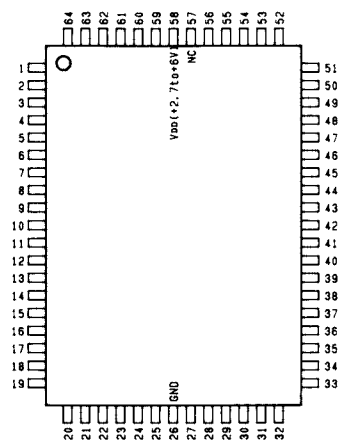


NO.	IN	OUT	SYMBOL	NO.	IN	OUT	SYMBOL
1			IEI	51			Vcc
2			CLK/TRG3	52			CLK
3			CLK/TRG2	53			PC7
4			CLK/TRG1	54			PC6
5			CLK/TRG0	55			PC5
6			D7	56			PC4
7			D6	57			PC3
8			D5	58			PC2
9			D4	59			PC1
10			D3	60			PC0
11			D2	61			PA7
12			D1	62			PA6
13			D0	63			PA5
14			INT	64			PA4
15			EV	65			PA3
16			HALT	66			PA2
17			MREQ	67			PA1
18			IORQ	68			PA0
19			RD	69			PB7
20			WR	70			PB6
21			BUSACK	71			PB5
22			WAIT	72			PB4
23			BUSREQ	73			PB3
24			RESET	74			PB2
25			MT	75			PB1
26			RFSH	76			PB0
27			Vcc	77			Vss
28			Vss	78			PE7
29			A0	79			PE6
30			A1	80			PE5
31			A2	81			PE4
32			A3	82			PE3
33			A4	83			PE2
34			A5	84			PE1
35			A6	85			PE0
36			A7	86			TEST
37			A8	87			IE0
38			A9	88			PD7
39			A10	89			PD6
40			A11	90			Vcc
41			A12	91			PD5
42			A13	92			PD4
43			A14	93			PD3
44			A15	94			PD2
45			MT	95			PD1
46			MS2	96			PD0
47			MS1	97			ZC/T02
48			XTAL2	98			ZC/T01
49			XTAL1	99			ZC/T00
50			Vss	100			Vss

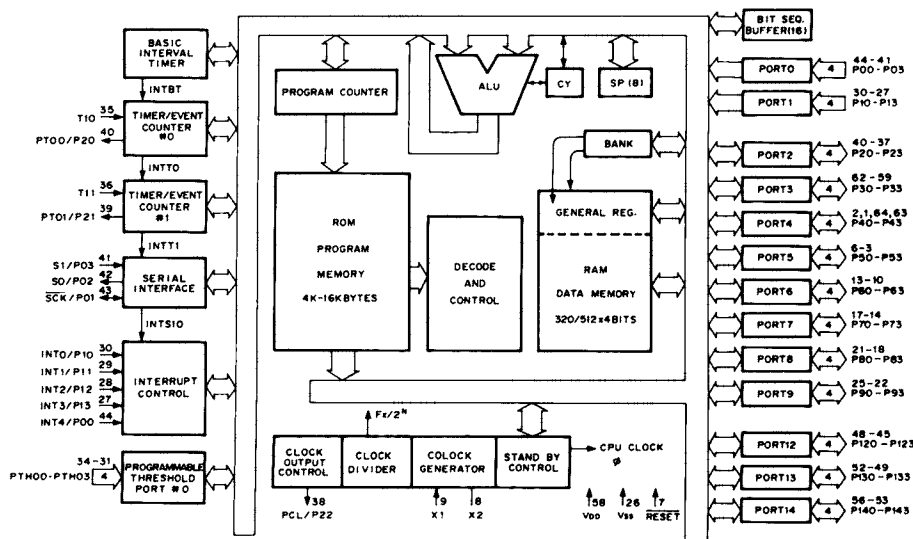
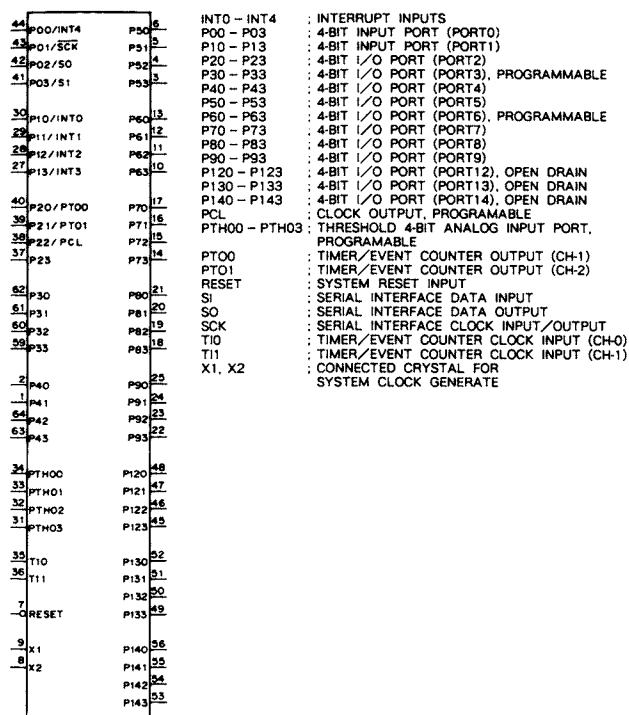
58	PA0	29	A0-A15	3-STATE ADDRESS BUS OUTPUTS
57	PA1	30	BUSACK	BUS ACKNOWLEDGE OUTPUT
56	PA2	31	BUS REQ	BUS REQUEST INPUT
55	PA3	32	CLK	CLOCK OUTPUT
54	PA4	33	CLK/TRG0-3	EXTERNAL CLOCK / TIMER TRIGGER0-3 INPUTS
53	PA5	34	DO-D7	3-STATE DATA BUS INPUTS/OUTPUTS
52	PA6	35	EV	EVALUATOR INPUT
51	PA7	36	HALT	HALT OUTPUT
50	PB0	37	IEI/IE0	CTC INTERRUPT ENABLE INPUT/OUTPUT
49	PB1	38	INT	MASKABLE INTERRUPT REQUEST INPUT
48	PB2	39	IORQ	3-STATE I/O REQUEST OUTPUT
47	PB3	40	M1	3-STATE MACHINE CYCLE 1 OUTPUT
46	PB4	41	MREQ	3-STATE REQUEST OUTPUT
45	PB5	42	MS1/MS2	MODE SELECT 1/2 INPUTS
44	PB6	43	NMI	NON-MASKABLE INTERRUPT REQUEST INPUT
43	PB7	44	PA0-PA7	
42	PC0	45	PB0-PB7	
41	PC1	46	PC0-PC7	3-STATE I/O PORT
40	PC2	47	PDO-PD7	
39	PC3	48	PE0-PE7	
38	PC4	49	RD	3-STATE READ OUTPUT
37	PC5	50	RESET	RESET INPUT
36	PC6	51	RFSH	REFRESH OUTPUT
35	PC7	52	TEST	TEST INPUT
34	PD0	53	WAIT	WAIT REQUEST INPUT
33	PD1	54	WR	3-STATE WRITE OUTPUT
32	PD2	55	ZC/T00-2	ZERO COUNT/TIME OUT 0-2 OUTPUTS
31	PD3	56		
30	PD4	57		
29	PD5	58		
28	PD6	59		
27	PD7	60		
26	PE0	61		
25	PE1	62		
24	PE2	63		
23	PE3	64		
22	PE4	65		
21	PE5	66		
20	PE6	67		
19	PE7	68		
18	TEST	69		
17	IE0	70		
16	PD7	71		
15	PD6	72		
14	PD5	73		
13	PD4	74		
12	PD3	75		
11	PD2	76		
10	PD1	77		
9	PD0	78		
8	PE7	79		
7	PE6	80		
6	PE5	81		
5	PE4	82		
4	PE3	83		
3	PE2	84		
2	PE1	85		
1	PE0	86		
0	TEST	87		
		88		
		89		
		90		
		91		
		92		
		93		
		94		
		95		
		96		
		97		
		98		
		99		
		100		



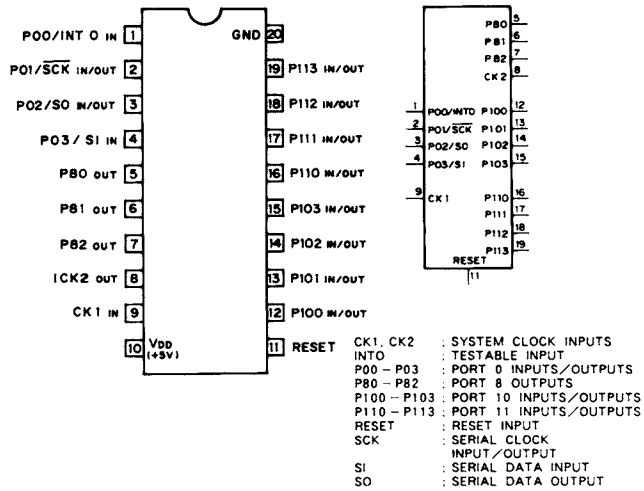
UPD75106G (NEC)
 UPD75108G (NEC)
 C-MOS 1 CHIP 4-BIT MICROCOMPUTER
 - TOP VIEW -



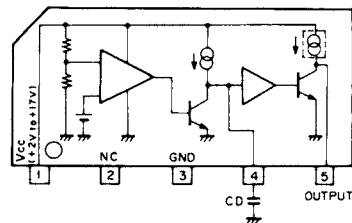
VDD(+2.7 to +6V)															
PIN	I/O	SIGNAL	PIN	I/O	SIGNAL	PIN	I/O	SIGNAL	PIN	I/O	SIGNAL	PIN	I/O	SIGNAL	PIN
1	I/O	P41	17	I/O	P70	33	I	PTH01	49	I/O	P133				
2	I/O	P40	18	I/O	P63	34	I	PTH00	50	I/O	P132				
3	I/O	P53	19	I/O	P62	35	I	T10	51	I/O	P131				
4	I/O	P52	20	I/O	P61	36	I	T11	52	I/O	P130				
5	I/O	P51	21	I/O	P60	37	I/O	P23	53	I/O	P143				
6	I/O	P50	22	I/O	P93	38	I/O	P22/PCL	54	I/O	P142				
7	I	RESET	23	I/O	P92	39	I/O	P21/PT01	55	I/O	P141				
8	I	X2	24	I/O	P91	40	I/O	P20/PT00	56	I/O	P140				
9	I	X1	25	I/O	P90	41	I	P63/SI	57	-	NC				
10	I/O	P63	26	-	GND	42	I/O	P62/SO	58	-	VDD				
11	I/O	P62	27	I	P13/INT3	43	I/O	P61/SCK	59	I/O	P33				
12	I/O	P61	28	I	P12/INT2	44	I	P60/INT4	60	I/O	P32				
13	I/O	P60	29	I	P11/INT1	45	I/O	P123	61	I/O	P31				
14	I/O	P73	30	I	P10/INT0	46	I/O	P122	62	I/O	P30				
15	I/O	P72	31	I	PTH03	47	I/O	P121	63	I/O	P43				
16	I/O	P71	32	I	PTH02	48	I/O	P120	64	I/O	P42				



UPD7564CS (NEC)
C-MOS SINGLE CHIP 4-BIT MICROCOMPUTER
- TOP VIEW -

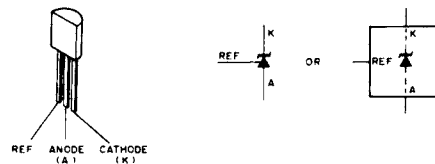


M51953BL (MITSUBISHI)
POWER RESET
- SIDE VIEW -

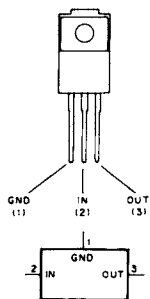


TYPE	OUTPUT	
	RESET POLARITY	CIRCUIT
M51953AL	LOW	WITH CURRENT SOURCE
M51953BL	LOW	OPEN COLLECTOR
M51954AL	HIGH	WITH CURRENT SOURCE
M51954BL	HIGH	OPEN COLLECTOR

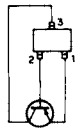
TL431CLP (TI)
ADJUSTABLE PRECISION SHUNT REGULATOR



M5F7905L (MITSUBISHI) - 5V
NEGATIVE VOLTAGE REGULATOR (1A)
- PRINTED SIDE VIEW -

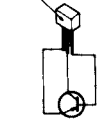


(SCALE 4/1)
TOP VIEW



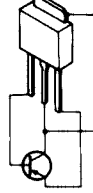
2SA1122D
2SA1162G
2SA1226
2SA1576
2SA1611
2SA812

TYPE NO.
PRINTED



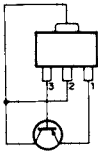
2SA1175

(SCALE 2/1)



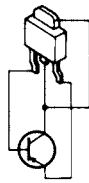
2SA1385

(SCALE 4/1)
TOP VIEW

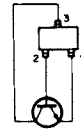


2SB1114
2SB1121
2SB1188

2SB841



(SCALE 4/1)
TOP VIEW

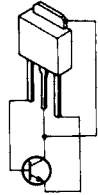


2SC1623
2SC2223
2SC2712
2SC2715Y
2SC3326N
2SC4081
2SC4177
2SC4178
2SC4213A

2SC1826



(SCALE 2/1)

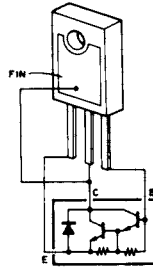


2SC3518

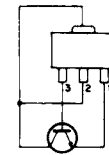
2SD1081



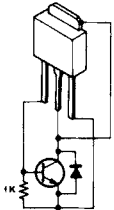
2SD1309



TOP VIEW (SCALE 4/1) 2SD1614

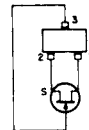


(SCALE 2/1)

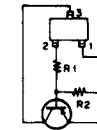


2SD992A

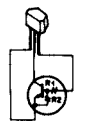
TOP VIEW (SCALE 4/1) 2SK94



TOP VIEW (SCALE 4/1)

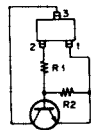


DTA124EU (R1 = 22K, R2 = 22K)
DTA124XK (R1 = 22K, R2 = 47K)
DTA144EU (R1 = 47K, R2 = 47K)



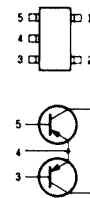
DTA143XS (R1=4.7K, R2=10K)
DTC114ES (R1=10K, R2=10K)

TOP VIEW (SCALE 4/1)



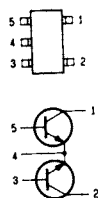
DTC124EU (R1 = 22K, R2 = 22K)
DTC144EK (R1 = 47K, R2 = 47K)
DTC144EU (R1 = 47K, R2 = 47K)

(SCALE 6/1)
TOP VIEW

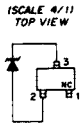


FMS1FE

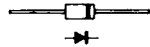
(SCALE 6/1)
TOP VIEW



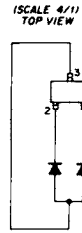
FMW1



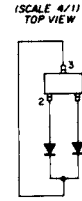
02CZ ? ?
RD ? ? M



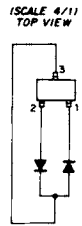
10E-2
1SS119
1SS120



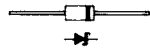
1S2835



1S2837
DAN202U



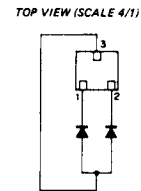
1SS123



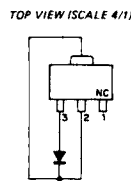
1SS99



1T32
1T33C



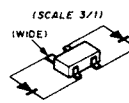
DAP202U



E10DS2



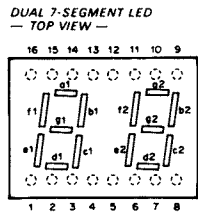
FC54M



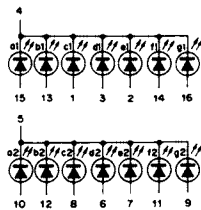
MA159



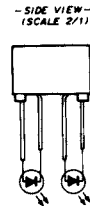
GL-5HD5 ; RED



DUAL 7-SEGMENT LED
— TOP VIEW —

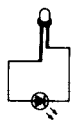


LB402VK (ROHM)



— SIDE VIEW —
(SCALE 2/1)

LT-920UH ; YELLOW
LT-9200N ; YELLOWISH GREEN



TLG124A ; GREEN



(SCALE 2/1)

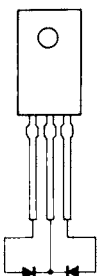
TLG256 ; GREEN
TLY256 ; YELLOW



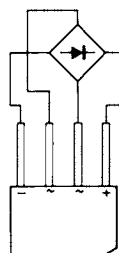
TLUG144 ; GREEN
TLUY144 ; YELLOW



TLUG154 ; GREEN



D10LC20U
D10SC4M



D3SB60

SECTION 13
BOARD LAYOUTS AND SCHEMATIC DIAGRAMS

CIRCUIT FUNCTION OF THE PRINTED CIRCUIT BOARD

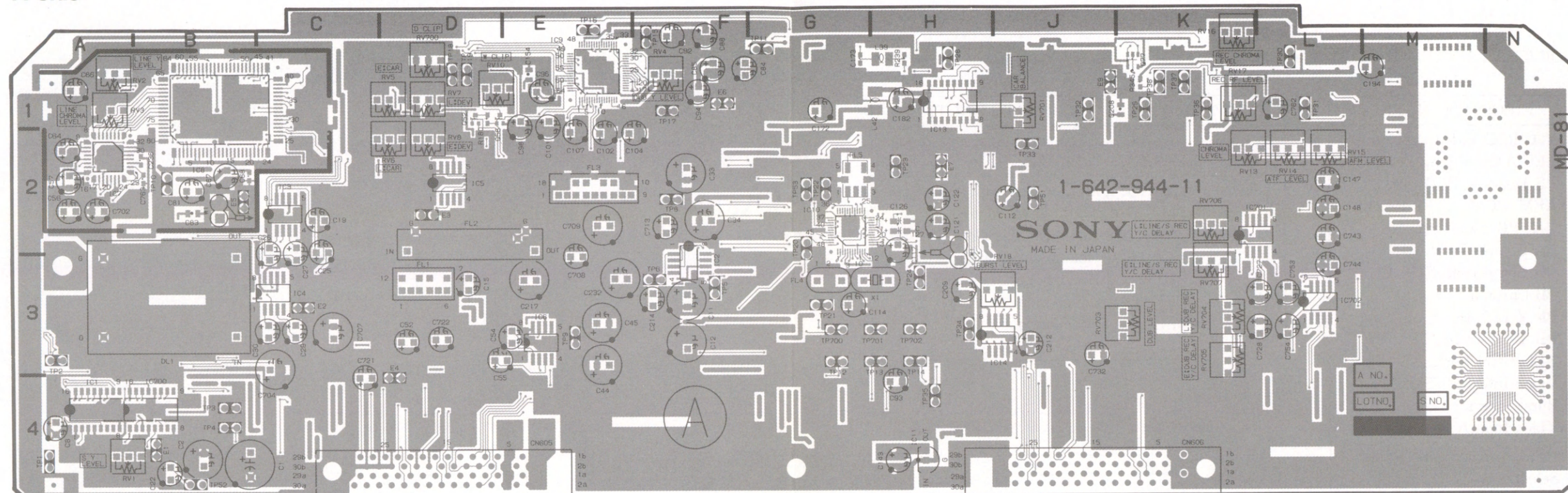
SYSTEM	BOARD	CIRCUIT FUNCTION
VIDEO	MD-81	Y/C REC Video Process
	VRA-4	REC AMP/Flying Erase OSC
	PRE-10	PB Head AMP (VIDEO, AFM, PCM, ATF), RE, EQ
	DM-87	Y/C PB Video Process
	CR-40	DG Compensator (LINE)
	CR-41	DG Compensator (DUB)
	FL-129	PB Chroma LPF
	FL-130	PB Y LPF (Hi8)
	FL-131	PB Y EQ (NORMAL)
	TBC-21	TBC/GEN Lock
AUDIO	VA-111	Video Interface/Sync, Burst Insert
	CP-176	Video Input/Output Interface
	AU-156	AFM Audio, Input/Output Select
SYSTEM CONTROL SERVO	VR-122	Audio Level Control
	AU-157	PCM Audio, Input/Output Select
	AA-57	Audio Input/Output AMP
	CP-177	Audio Input/Output Interface
	SST-2	Servo/System Control
	CN-511	Servo Interface
	KY-217	Function Key Board
	DD-12	Display Drive
	PTC-32	Search Dial
	LP-52	Mode Display
	DP-101	Display
	RM-101	15Pin Connector (for TBC Remote controller)
	RM-122	9Pin Connector
	SW-467	Sub Panel Switch
	SW-540	Mode Select Switch
	SW-543	Remote Panel Switch
	TS-74	Tape Top/End Sensor
	RS-31	Mechanical Control
	MS-36	Mode Swith
	LM-22	Loading Sensor
	LD-1	Tape Sensor
	TR-72	S-Tension Regulator Sensor

SYSTEM	BOARD	CIRCUIT FUNCTION
POWER	AC-121	AC Input
	DC-57	DC Supply
OTHERS	MB-356	Mother Board
	MT-57A	Audio Level Meter
	SW-466	Audio Meter Select Switch
	VR-130	Headphones Level
	HP-52	Headphones Jack
	FP-84	Connection
	FP-122	Connection
	FP-206	Connection

MD-81 BOARD
A Side

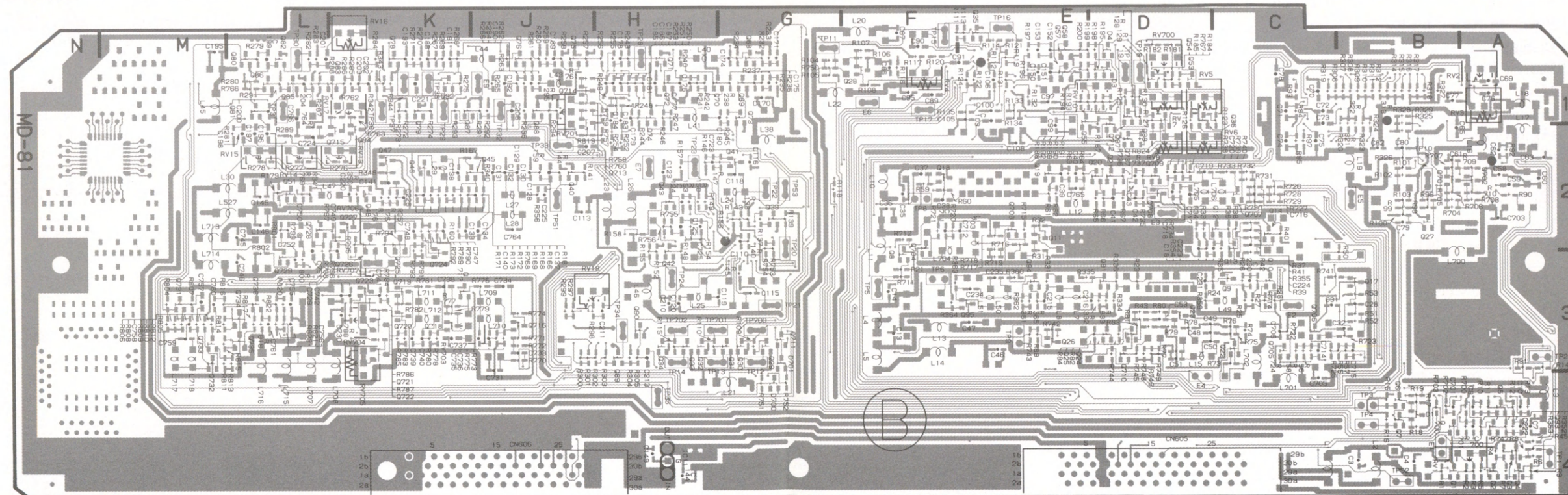
MD-81 (1-642-944-11)

CN605	D-4	Q30	G-3 *	Q718	K-3 *	TP32	J-1
CN606	J-4	Q31	G-3 *	Q719	K-3 *	TP33	J-2
		Q32	H-3 *	Q720	K-3 *	TP36	K-1
D1	B-4 *	Q33	H-3 *	Q721	K-3 *	TP37	K-1
D3	D-1 *	Q34	H-3 *	Q722	K-3 *	TP38	K-1
D4	D-1 *	Q35	E-1 *	Q723	K-3 *	TP51	J-2
D700	G-4 *	Q36	D-1 *	Q724	K-2 *	TP52	B-4
D701	G-3 *	Q37	D-1 *	Q725	K-2 *	TP53	G-2
		Q38	D-1 *	Q726	K-2 *	TP700	G-3
DL1	B-3	Q39	G-2 *	Q727	K-2 *	TP701	H-3
		Q40	J-2 *	Q728	L-2 *	TP702	H-3
E1	B-4	Q41	G-2 *	Q729	L-3 *		
E2	C-3	Q42	H-2 *	Q731	M-3 *	X1	H-3
E3	D-2	Q43	H-2 *	Q732	M-3 *		
E4	D-4	Q45	K-2 *	Q733	M-3 *		
E5	B-2	Q47	K-2 *	Q734	L-3 *		
E6	F-1	Q48	K-2 *	Q735	L-3 *		
E7	H-2	Q51	L-2 *	Q736	L-3 *		
E9	J-1	Q52	D-1	Q737	D-2 *		
		Q53	D-1 *				
FL1	D-3	Q54	D-1 *	RV1	A-4		
FL2	D-2	Q55	E-1 *	RV2	A-1		
FL3	E-2	Q56	D-1	RV3	A-1		
FL4	G-3	Q57	E-1 *	RV4	F-1		
FL5	G-2	Q58	E-1 *	RV5	D-1		
		Q68	G-1 *	RV6	D-2		
IC1	A-4	Q69	G-1 *	RV7	D-1		
IC2	F-2	Q70	H-1 *	RV8	D-2		
IC3	C-2	Q71	H-1 *	RV10	D-1		
IC4	C-3	Q72	H-1 *	RV13	K-2		
IC5	D-2	Q73	G-1 *	RV14	L-2		
IC6	E-3	Q74	H-1 *	RV15	L-2		
IC7	A-2	Q75	J-1 *	RV16	K-1		
IC8	B-1	Q76	J-1 *	RV17	K-1		
IC9	E-1	Q77	K-1	RV700	D-1		
IC10	G-2	Q78	K-1 *	RV701	J-1		
IC11	H-4	Q79	K-1 *	RV703	K-3		
IC13	H-1	Q80	L-1 *	RV704	K-3		
IC700	A-4	Q81	L-1 *	RV705	K-3		
IC701	K-2	Q82	L-1 *	RV706	K-2		
IC702	L-3	Q83	K-1 *	RV707	K-3		
		Q84	K-2 *				
Q1	B-4 *	Q85	L-1 *	TP1	A-4		
Q2	A-4 *	Q86	L-1 *	TP2	A-3		
Q3	A-4 *	Q87	K-1 *	TP3	B-4		
Q4	A-4 *	Q88	J-1 *	TP4	B-4		
Q5	A-4 *	Q91	D-3 *	TP5	F-3		
Q6	B-4 *	Q92	K-1 *	TP6	F-3		
Q7	B-4 *	Q93	A-4 *	TP8	F-2		
Q8	F-3 *	Q94	E-3 *	TP9	E-3		
Q9	C-3 *	Q95	E-3 *	TP10	B-2		
Q10	C-3 *	Q700	B-4 *	TP11	G-1		
Q11	E-2 *	Q701	B-2 *	TP12	G-3		
Q12	C-2 *	Q702	A-2 *	TP13	H-3		
Q13	C-2 *	Q703	E-2 *	TP14	H-3		
Q14	C-2 *	Q704	F-2 *	TP15	F-1		
Q17	B-3 *	Q705	C-3 *	TP16	E-1		
Q18	F-2 *	Q706	C-3 *	TP17	F-1		
Q19	E-2 *	Q707	C-2 *	TP18	D-1		
Q20	D-2 *	Q708	D-2 *	TP19	D-1		
Q21	D-2 *	Q709	D-2 *	TP20	G-2		
Q22	C-3 *	Q710	D-3 *	TP21	G-3		
Q23	D-3 *	Q711	G-3 *	TP22	G-2		
Q24	D-3 *	Q712	D-1 *	TP23	H-2		
Q25	D-3 *	Q713	J-1 *	TP24	H-3		
Q26	E-3 *	Q714	J-1 *	TP28	H-1		
Q27	B-2 *	Q715	K-2 *	TP29	K-1		
Q28	F-1 *	Q716	J-3 *	TP30	L-1		
Q29	G-3 *	Q717	K-3 *	TP31	L-1		



1-642-944-11 A SIDE

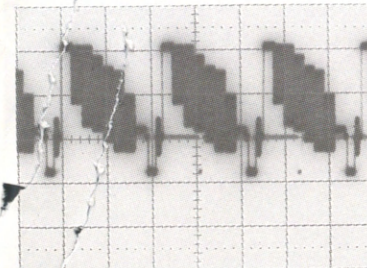
A Side is the same as Component Side

MD-81 BOARD
B Side

1-642-944-11 B SIDE

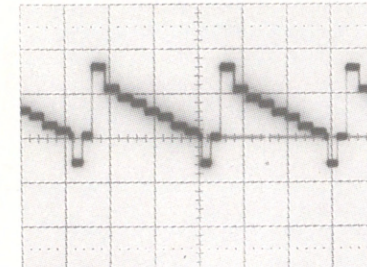
B Side is the same as Soldering Side

① TP52 EE mode



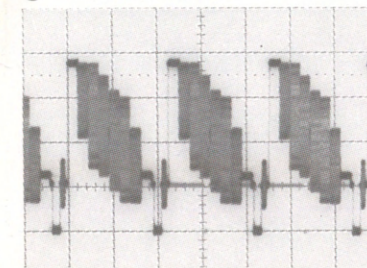
0.1v/div 20μsec/div

② TP5 EE mode



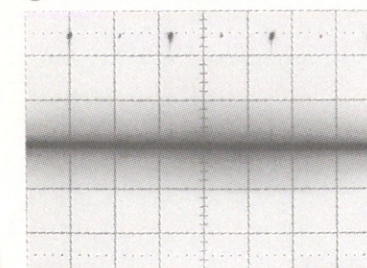
0.2v/div 20μsec/div

③ TP1 EE mode



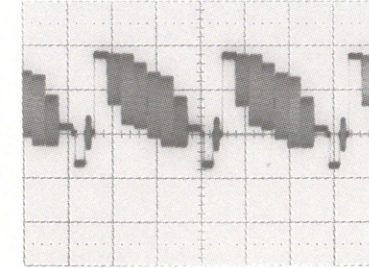
0.2v/div 20μsec/div

④ TP2 EE mode



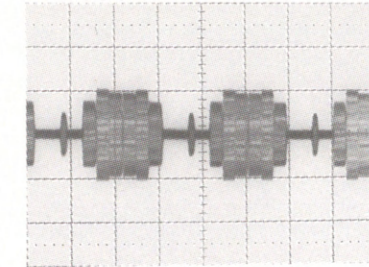
0.2v/div 20μsec/div

⑤ TP9 EE mode



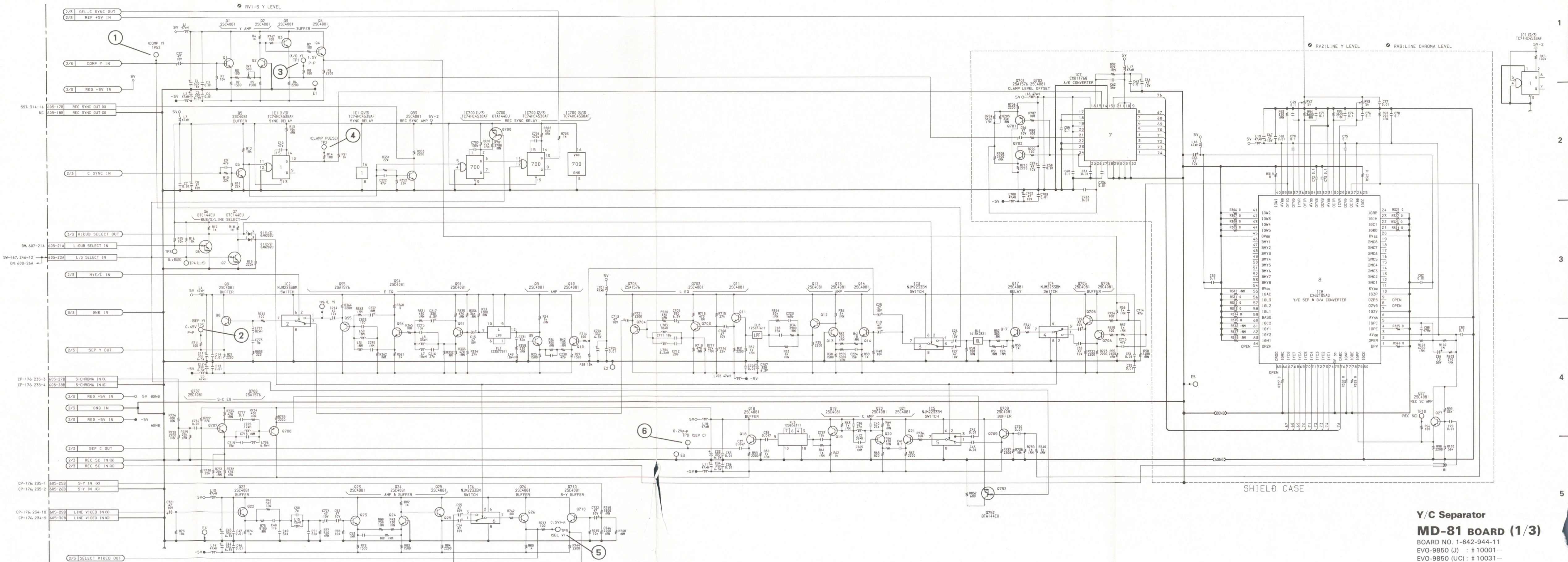
0.2v/div 20μsec/div

⑥ TP8 EE mode



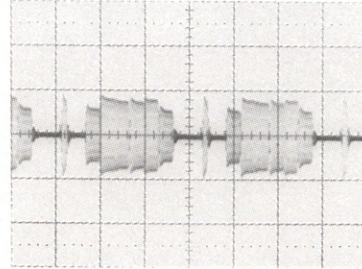
0.1v/div 20μsec/div

Measurement Condition
VIDEO IN: 75% color bars
EE mode

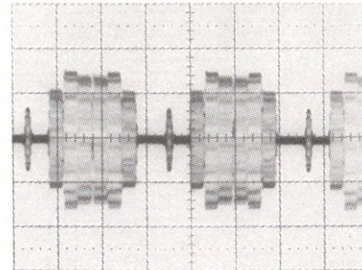


Y/C Separator
MD-81 BOARD (1/3)
BOARD NO. 1-642-944-11
EVO-9850 (J) : # 10001-
EVO-9850 (UC) : # 10031-

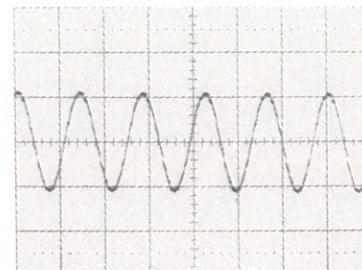
⑨ TP53 EE mode

0.2v/div 20 μ sec/div

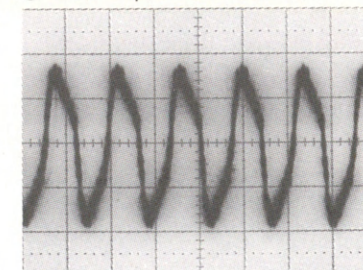
⑩ TP23 EE mode

0.1 v/div 20 μ sec/div

⑪ TP24 EE mode

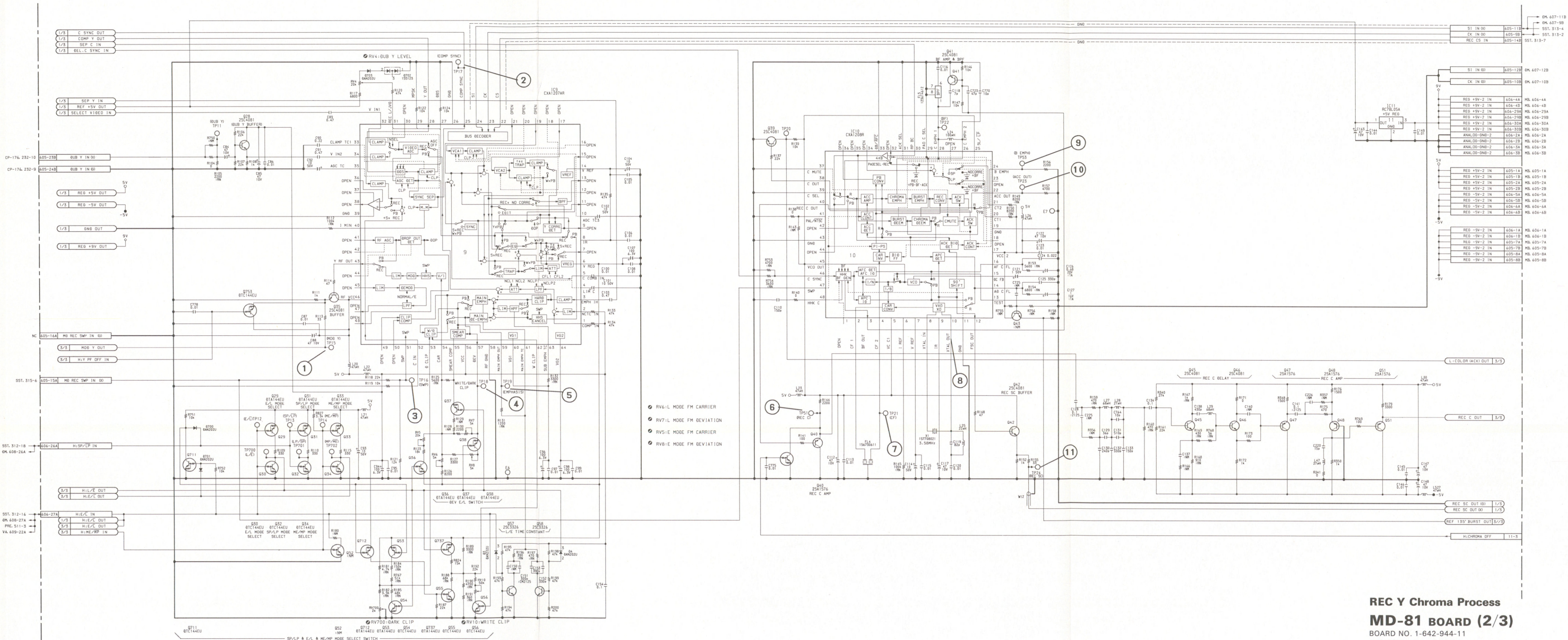
0.2v/div 0.2 μ sec/div

⑧ IC10 10pin EE mode



0.05v/div 0.2 μ sec/div

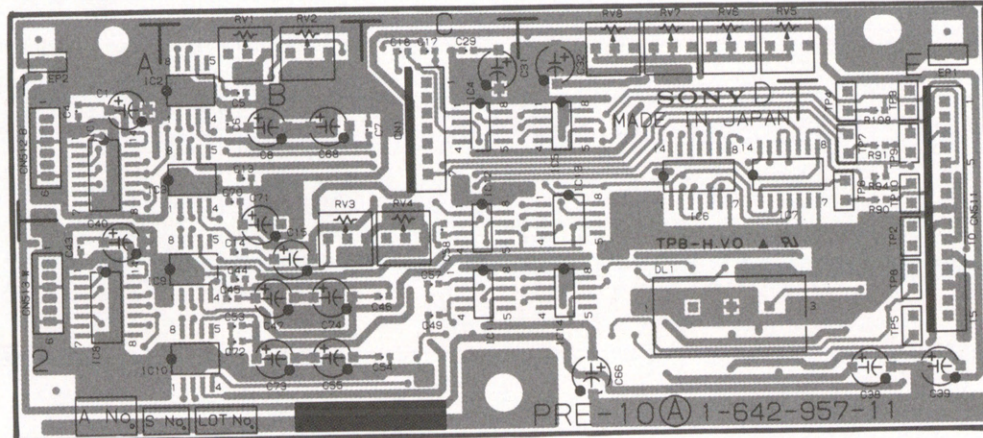
Measurement Condition
VIDEO IN: 75% color bars
EE mode



REC Y Chroma Process
MD-81 BOARD (2/3)
 BOARD NO. 1-642-944-11
 EVO-9850 (J) : # 10001—
 EVO-9850 (UC) : # 10031—

PRE-10 (1-642-957-11)

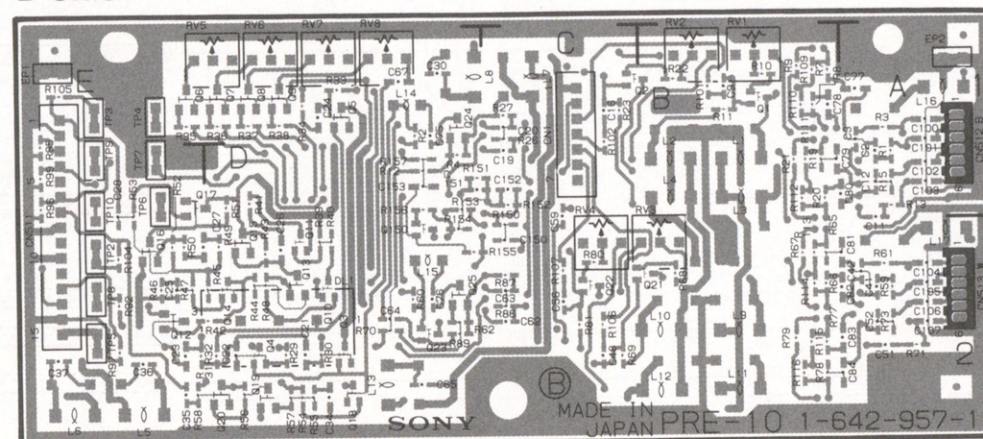
PRE-10 BOARD
A Side



1-642-957-11 A SIDE

A Side is the same as Component Side

PRE-10 BOARD
B Side



1-642-957-11 B SIDE

B Side is the same as Soldering Side

CN1 C-1
CN511 E-1
CN512 A-1
CN513 A-2

DL1 D-2

EP1 E-1
EP2 A-1

IC1 A-1
IC2 B-1
IC3 B-1
IC4 C-1
IC5 D-1
IC6 D-1
IC7 D-1
IC8 A-2
IC9 B-2
IC10 B-2
IC11 C-2
IC12 C-2
IC13 C-2
IC14 D-2

Q1 B-1 *
Q2 C-1 *
Q3 D-2 *
Q4 D-2 *
Q5 D-1 *
Q6 E-1 *
Q7 D-1 *
Q8 D-1 *
Q9 D-1 *
Q10 D-2 *
Q11 D-2 *
Q12 E-2 *
Q13 D-2 *
Q14 D-2 *
Q15 D-2 *
Q16 E-2 *
Q17 E-1 *
Q18 D-2 *
Q19 D-2 *
Q20 D-2 *
Q21 B-2 *
Q22 C-2 *
Q23 D-2 *
Q24 D-1 *
Q25 D-2 *
Q150 D-2 *

RV1 B-1
RV2 B-1
RV3 B-2
RV4 C-2
RV5 D-1
RV6 D-1
RV7 D-1
RV8 D-1

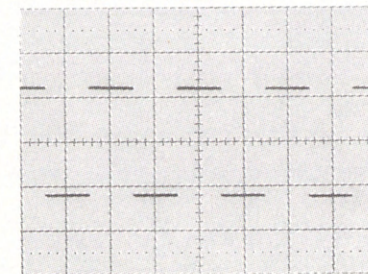
TP2 E-2
TP3 E-1
TP4 E-1
TP5 E-2
TP6 E-1
TP7 E-1
TP8 E-2
TP9 E-1
TP10 E-1

* mark; B SIDE mount.

PRE-10

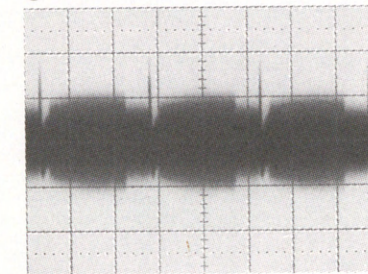
PRE-10

① TP7
TP10 PB mode



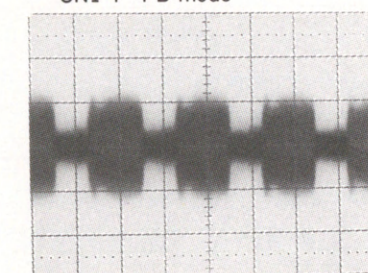
2v/div 5msec/div

② TP9 PB mode



0.2v/div 2msec/div

③ CN1-3
CN1-4 PB mode



0.1v/div 5msec/div

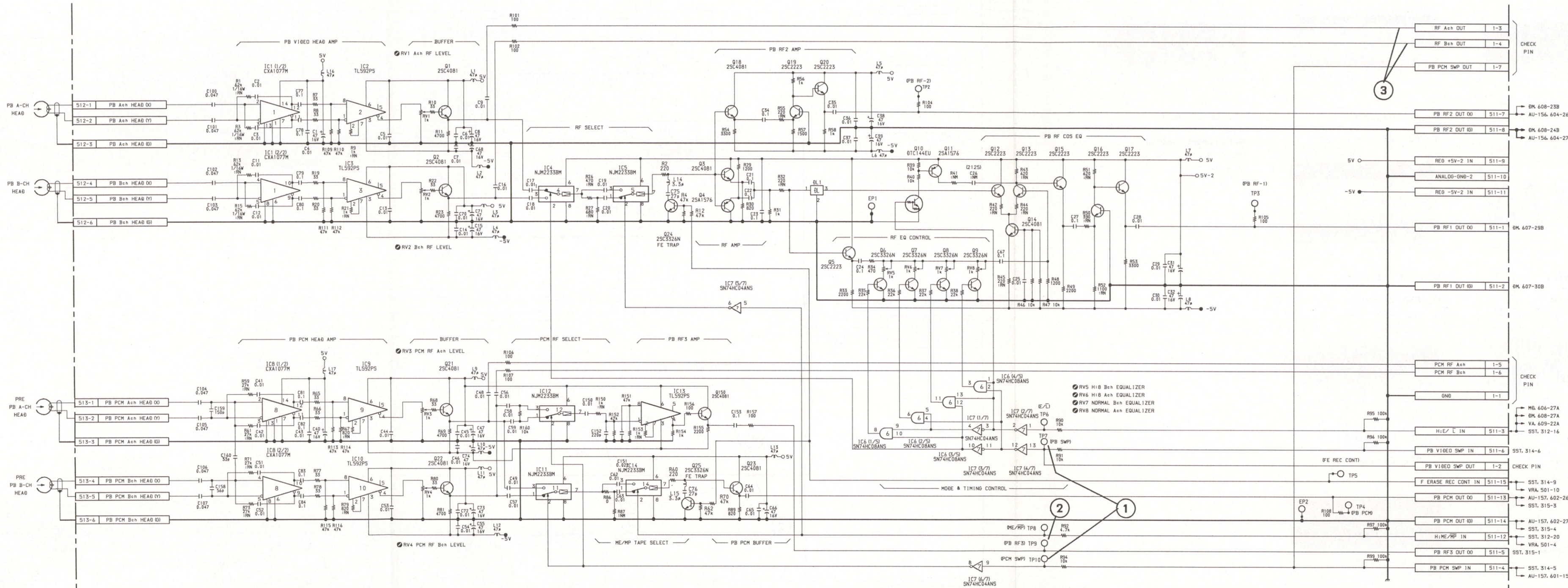
Measurement Condition
VIDEO IN: 75% color bars
PB mode: (WR5-8NSE: color bars)

13-8

13-8

PRE-10

PRE-10



PB Head Amp, RF EQ

PRE-10 BOARD

BOARD NO. 1-642-957-11

EVO-9850 (J) : # 10001-

EVO-9850 (UC) : # 10031-

13-8

13-8

VRA-4 (1-642-958-11)

CN501 A-3
CN502 F-2
CN503 D-3
CN504 B-3

D2 C-2

E1 F-1
E2 F-2

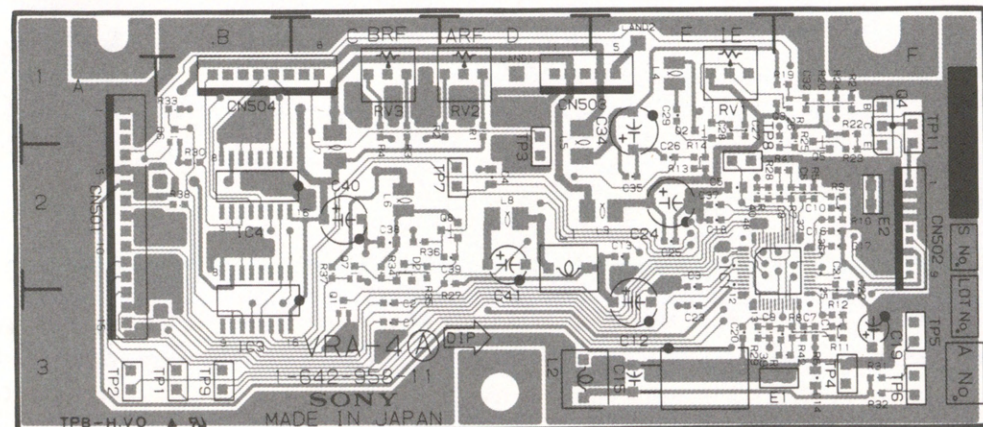
IC1 F-2
IC3 B-2
IC4 B-2

Q1 C-1
Q2 E-3
Q3 F-3
Q4 F-3
Q5 F-2
Q6 B-3
Q7 C-2
Q8 D-2

RV1 E-3
RV2 D-3
RV3 C-3

TP1 B-1
TP2 A-1
TP3 D-2
TP4 F-1
TP5 F-1
TP6 F-1
TP7 D-2
TP8 E-2
TP9 B-1
TP11 F-3

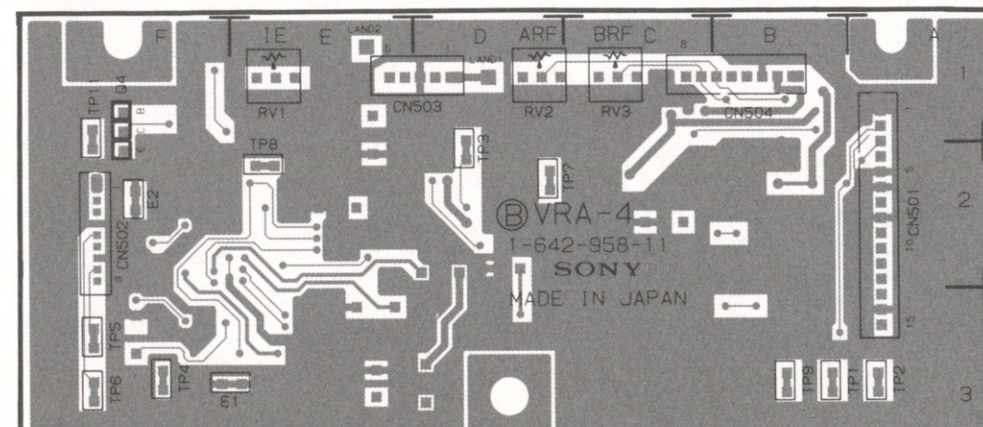
VRA-4 BOARD A Side



1-642-958-11 A SIDE

A Side is the same as Component Side

VRA-4 BOARD B Side



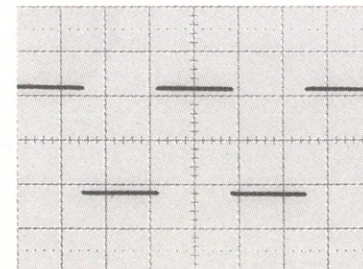
1-642-958-11 B SIDE

B Side is the same as Soldering Side

VRA-4

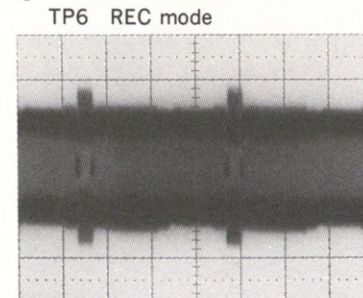
VRA-4

① TP3 REC mode



0.5v/div 10msec/div

② TP5
TP6 REC mode

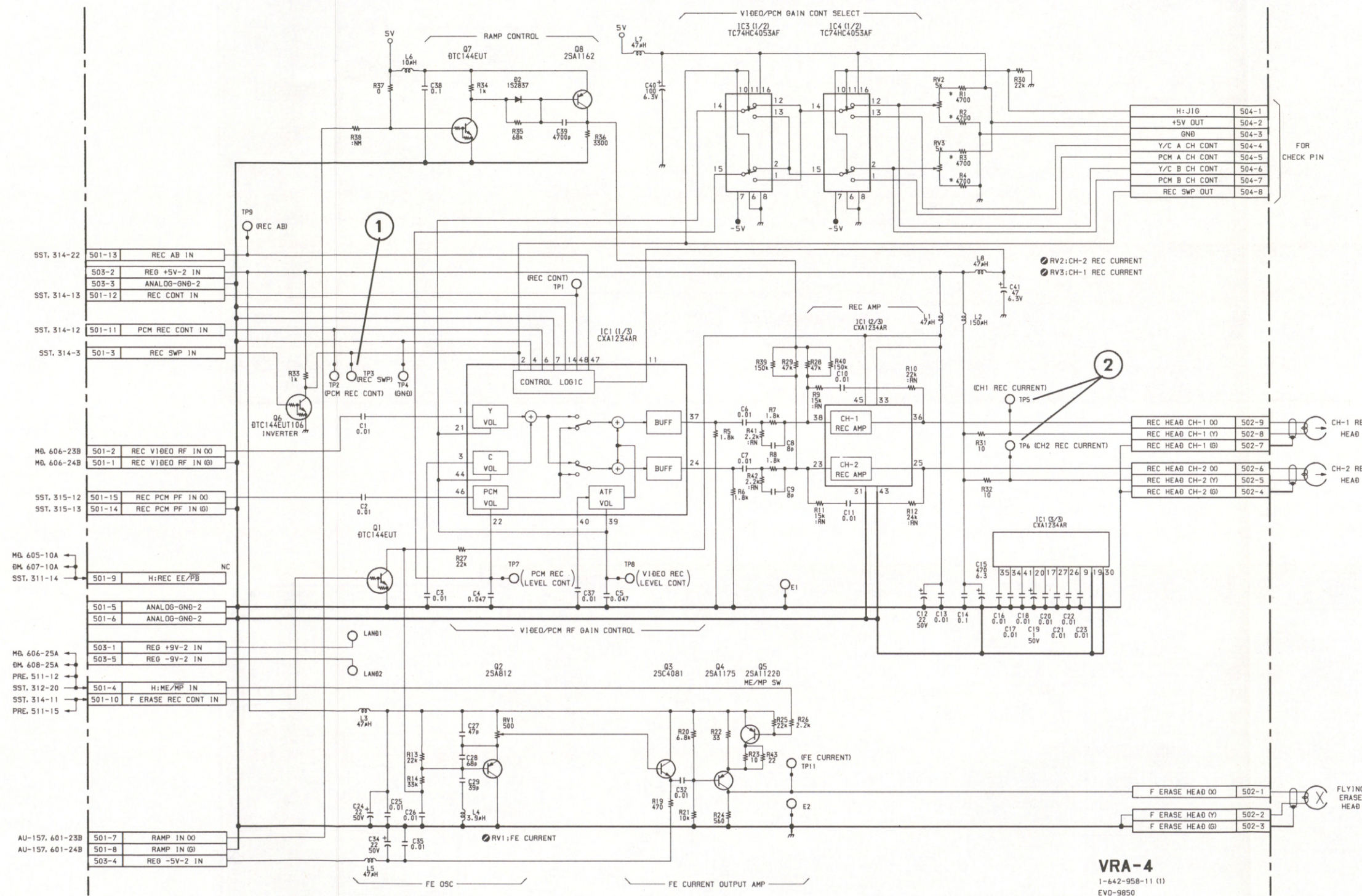


0.05v/div 10msec/div

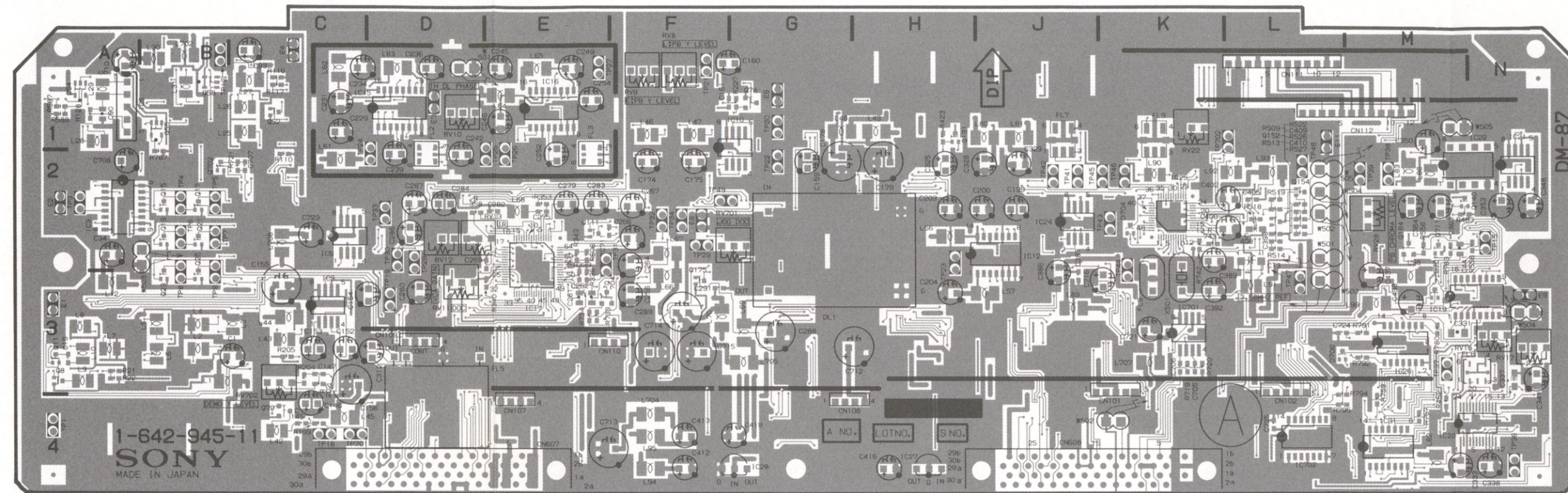
Measurement Condition
VIDEO IN: 75% color bars

VRA-4

VRA-4

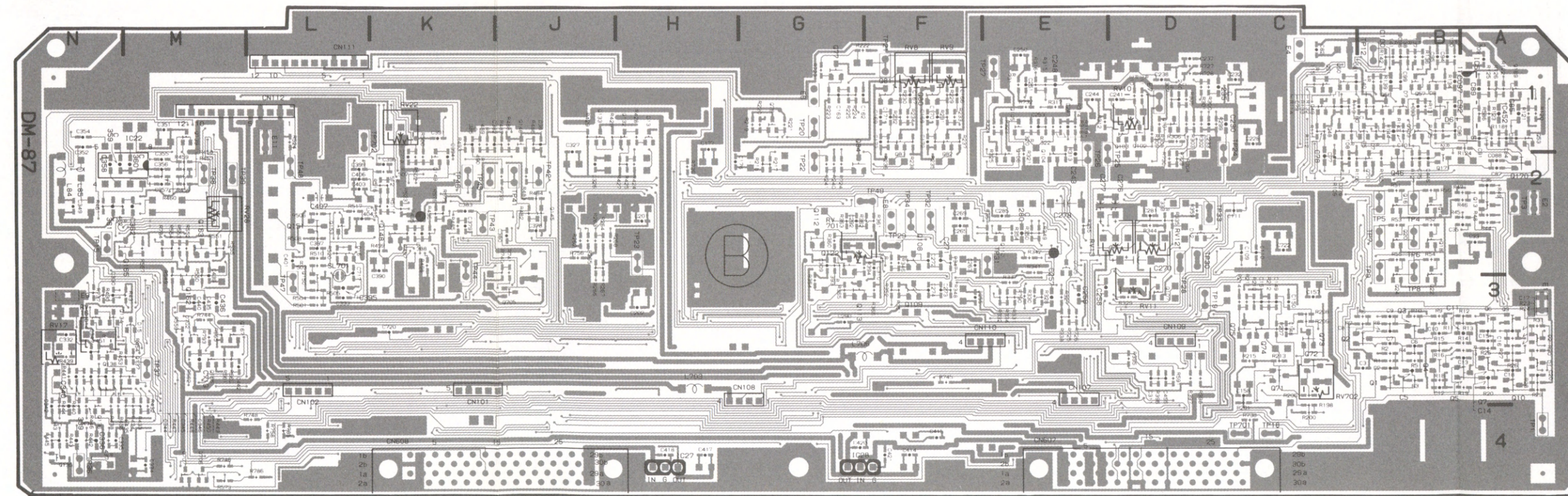


REC Head Amp
Flying Erase OSC
VRA-4 BOARD
BOARD NO. 1-642-958-11
EVO-9850 (J) : # 10001-
EVO-9850 (UC) : # 10031-

DM-87 BOARD
A Side

1-642-945-11 A SIDE

A Side is the same as Component Side

DM-87 BOARD
B Side

1-642-945-11 B SIDE

B Side is the same as Soldering Side

DM-87 (1-642-945-11)

CN607	D-4	Q18	B-2 *	Q706	M-4 *
CN608	J-4	Q19	B-2	Q707	M-4 *
		Q20	B-2 *		

CT3	L-2	Q21	B-2	RV8	F-1
		Q22	B-2 *	RV9	F-1

D1	A-3 *	Q23	B-2	RV10	D-1
D2	A-3 *	Q24	B-2 *	RV11	D-3

D5	B-1 *	Q25	B-2	RV12	D-2
D6	B-1 *	Q46	B-2 *	RV13	D-2

D8	B-1 *	Q48	C-1 *	RV28	M-2
D12	D-2 *	Q49	C-1 *	RV701	G-2

D701	M-3	Q50	C-1 *	RV702	C-3
D702	M-3 *	Q51	C-1 *		

D704	K-2	Q52	C-1	TP1	A-4
D705	E-2 *	Q53	A-1 *	TP3	A-2

D706	L-3	Q54	A-1	TP4	B-2
		Q55	B-1	TP5	B-2

DL1	G-2	Q57	B-1 *	TP6	B-2
		Q58	B-1	TP7	B-2

E1	A-3	Q71	C-3 *	TP8	B-2
E2	A-2	Q72	C-3 *	TP9	B-2

E4	C-1	Q73	C-3 *	TP12	B-1
E6	G-1	Q74	C-3 *	TP15	N-2

E7	D-1	Q75	C-3 *	TP18	C-4
E8	F-2	Q76	G-1 *	TP19	D-3

E11	L-1	Q77	G-1 *	TP20	G-1
		Q78	G-1	TP21	F-1

FL2	D-2	Q80	F-1 *	TP22	G-2
FL3	E-2	Q81	F-1 *	TP23	H-2

FL5	D-3	Q82	F-1 *	TP24	D-2
FL7	J-1	Q83	F-1 *	TP25	E-2

FL8	K-3	Q84	G-2 *	TP26	E-2
FL9	K-1	Q101	D-1 *	TP27	E-1

		Q102	D-1 *	TP28	D-2
IC3	A-2	Q103	D-1 *	TP29	F-2

IC5	A-1	Q104	E-2 *	TP30	D-2
IC6	C-2	Q105	E-1 *	TP31	E-2

IC9	C-3	Q106	E-2 *	TP32	F-2
IC10	F-2	Q107	D-3 *	TP33	D-2

IC12	J-2	Q108	F-2 *	TP34	F-2
IC15	D-1	Q109	F-3 *	TP41	J-2

IC16	E-1	Q110	E-2 *	TP42	J-2
IC17	E-2	Q111	E-2 *	TP43	K-2

IC19	M-3	Q112	G-2 *	TP44	K-2
IC24	J-2	Q113	G-3 *	TP45	K-2

IC25	K-2	Q122	G-2 *	TP46	K-2
IC26	M-3	Q131	H-1	TP47	L-3

IC27	H-4	Q132	H-1 *	TP48	L-2
IC28	G-4	Q133	J-1 *	TP49	F-2

IC31	M-4	Q145	J-2 *	TP701	C-4
IC701	K-3	Q146	J-1 *	TP702	L-1

IC702	L-4	Q148	K-2 *		
		Q149	K-2 *	X501	K-3

Q1	B-3 *	Q150	L-3 *		
Q2	C-3 *	Q152	L-2		

Q3	B-3 *	Q154	L-2		
Q4	B-3 *	Q162	M-2 *		

Q5	A-3 *	Q163	M-2 *		
Q6	A-3 *	Q164	M-2		

Q7	A-3 *	Q165	N-2 *		
Q8	A-3	Q166	M-3 *		

Q9	A-3 *	Q167	M-3 *		
Q10	A-3 *	Q170	A-2 *		

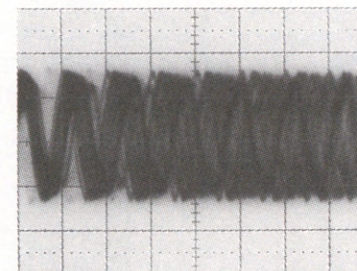
Q11	A-3	Q175	F-3		
Q13	A-2 *	Q701	B-2 *		

Q14	B-2 *	Q702	B-2		
Q15	B-2	Q703	B-1 *		

Q16	B-2 *	Q704	E-3		
Q17	B-2	Q705	J-3 *		

* mark; B SIDE mount.

① TP12 PB mode

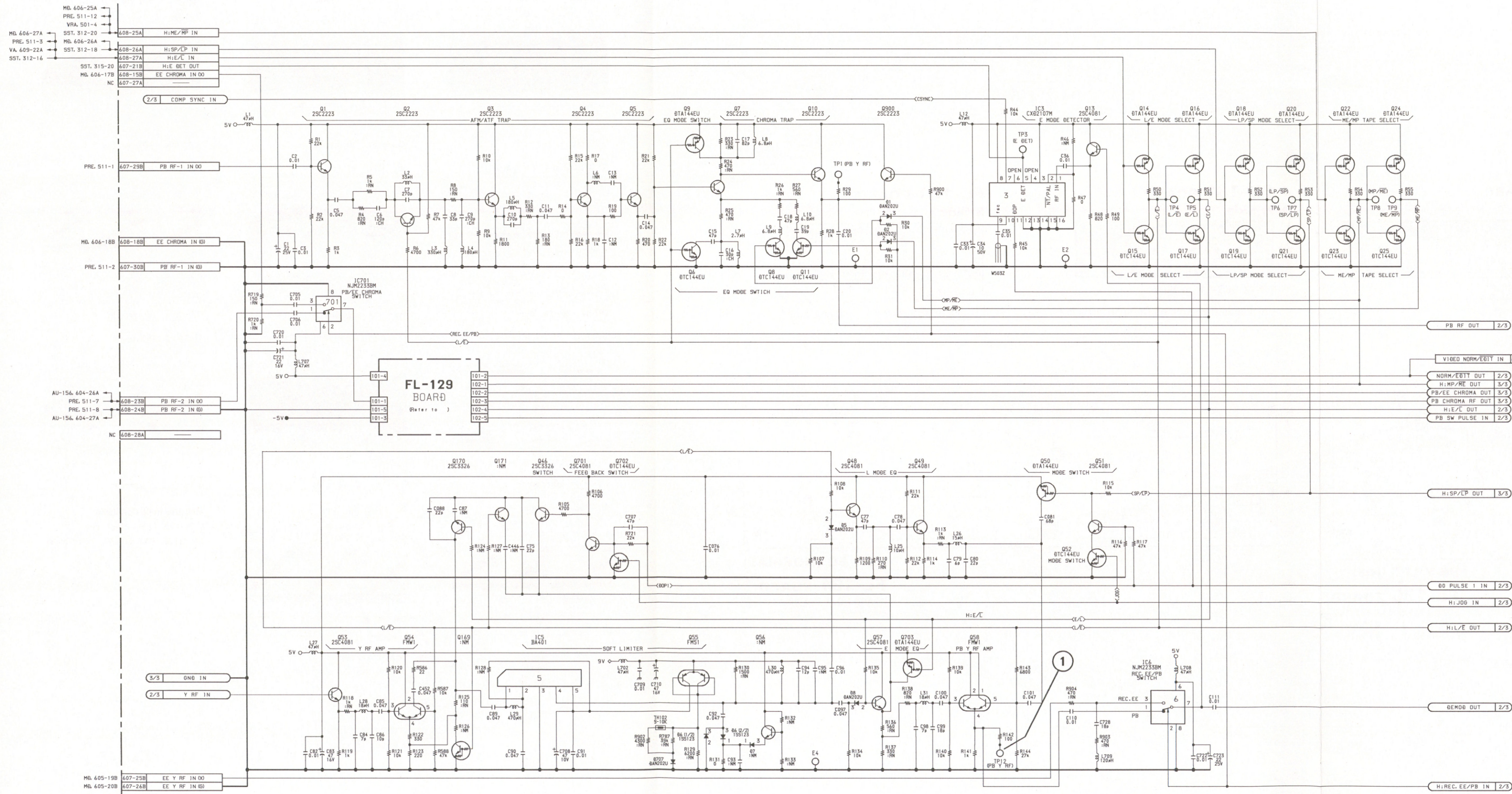


0.1v/div 0.2μsec/div

Measurement Condition

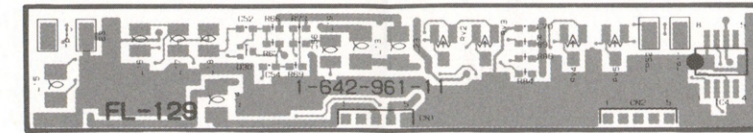
VIDEO IN : 75% color bars

PB mode : (WR5-8NSE : color bars)



PB RF Process
DM-87 BOARD (1/3)
BOARD NO. 1-642-945-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

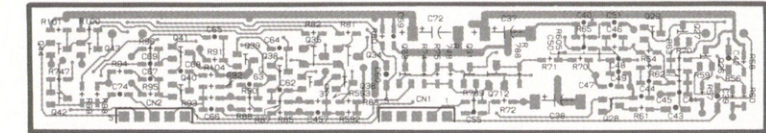
FL-129 BOARD
A Side



1-642-961-11 A SIDE

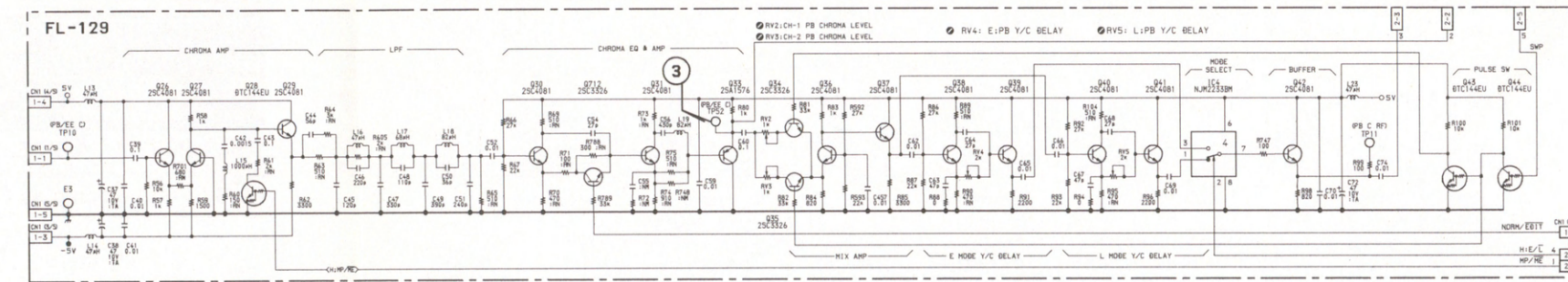
A Side is the same as Component Side

FL-129 BOARD
B Side



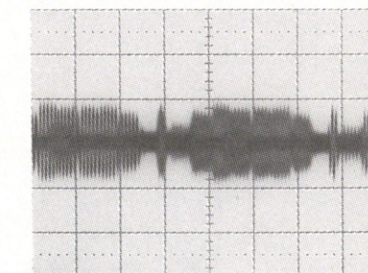
1-642-961-11 B SIDE

B Side is the same as Soldering Side



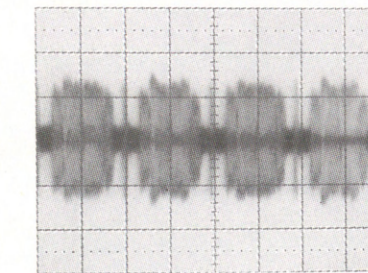
PB Chroma LPF
FL-129 BOARD
BOARD NO. 1-642-961-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

③ TP52 PB mode



0.05v/div 5μsec/div

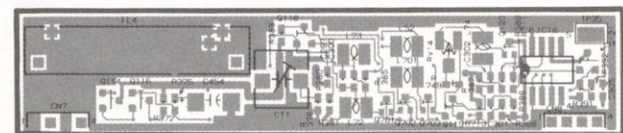
④ TP11 PB mode



0.05v/div 10μsec/div

Measurement Condition
VIDEO IN: 75% color bars
PB mode: (WR5-8NSE: color bars)

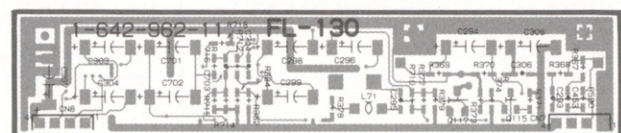
FL-130 BOARD
A Side



1-642-962-11 A SIDE

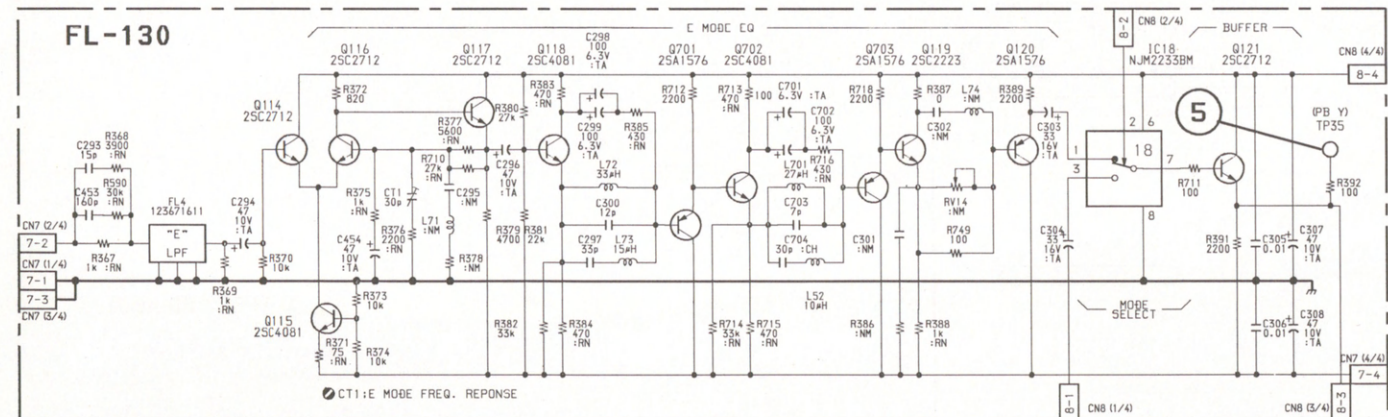
A Side is the same as Component Side

FL-130 BOARD
B Side



1-642-962-11 B SIDE

B Side is the same as Soldering Side

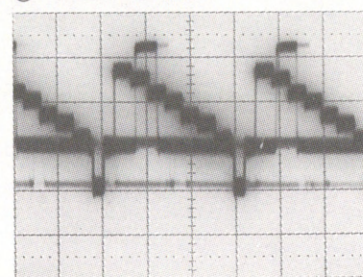


PB Y LPF (Hi8)

FL-130 BOARD

BOARD NO. 1-642-962-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

⑤ TP35 PB mode



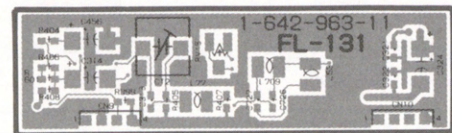
0.1v/div 20μsec/div

Measurement Condition

VIDEO IN: 75% color bars

PB mode: (WR5-8NSE: color bars)

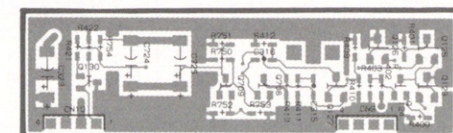
FL-131 BOARD
A Side



1-642-963-11 A SIDE

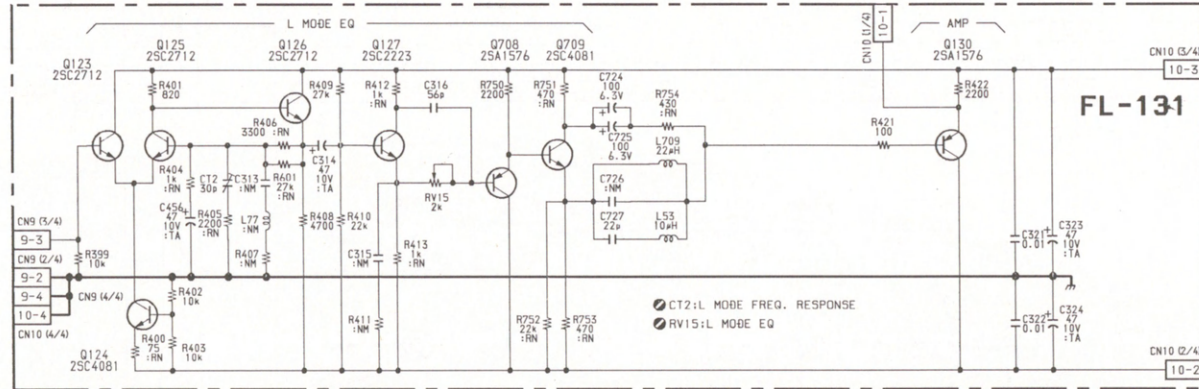
A Side is the same as Component Side

FL-131 BOARD
B Side



1-642-963-11 B SIDE

B Side is the same as Soldering Side

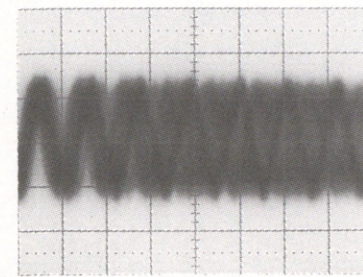


PB Y EQ (NORMAL)

FL-131 BOARD

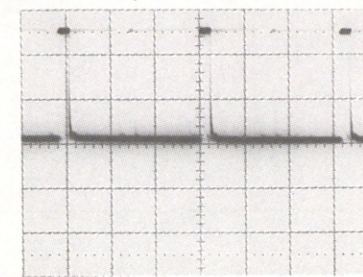
BOARD NO. 1-642-963-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

① TP28 PB mode



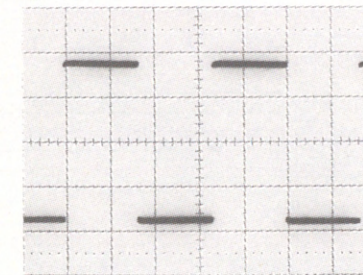
0.2v/div 0.2μsec/div

② IC17 25pin PB mode



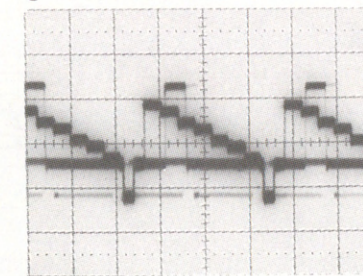
1v/div 20μsec/div

③ TP31 PB mode



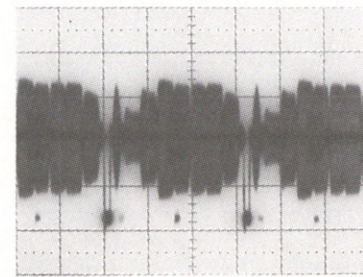
0.5v/div 10msec/div

④ TP32 PB mode



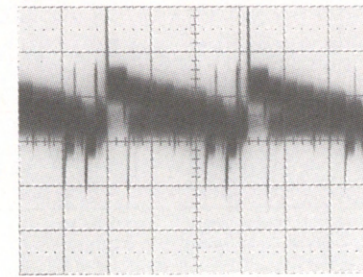
0.2v/div 20μsec/div

⑤ TP24 PB mode



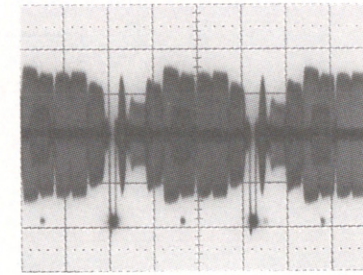
0.1v/div 20μsec/div

⑥ TP18 PB mode



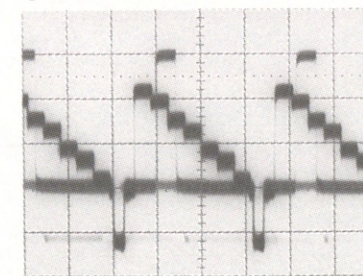
0.1v/div 20μsec/div

⑦ TP25 PB mode



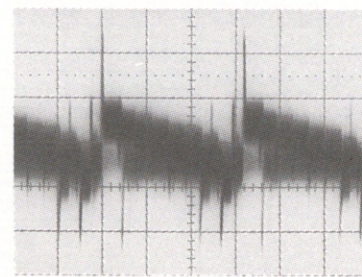
0.1v/div 20μsec/div

⑧ TP21 PB mode



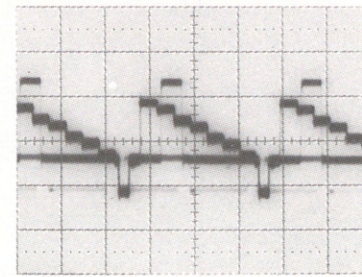
0.1v/div 20μsec/div

⑨ TP19 PB mode



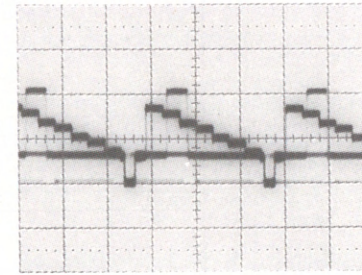
0.1v/div 20μsec/div

⑩ TP22 PB mode



0.2v/div 20μsec/div

⑪ TP23 PB mode

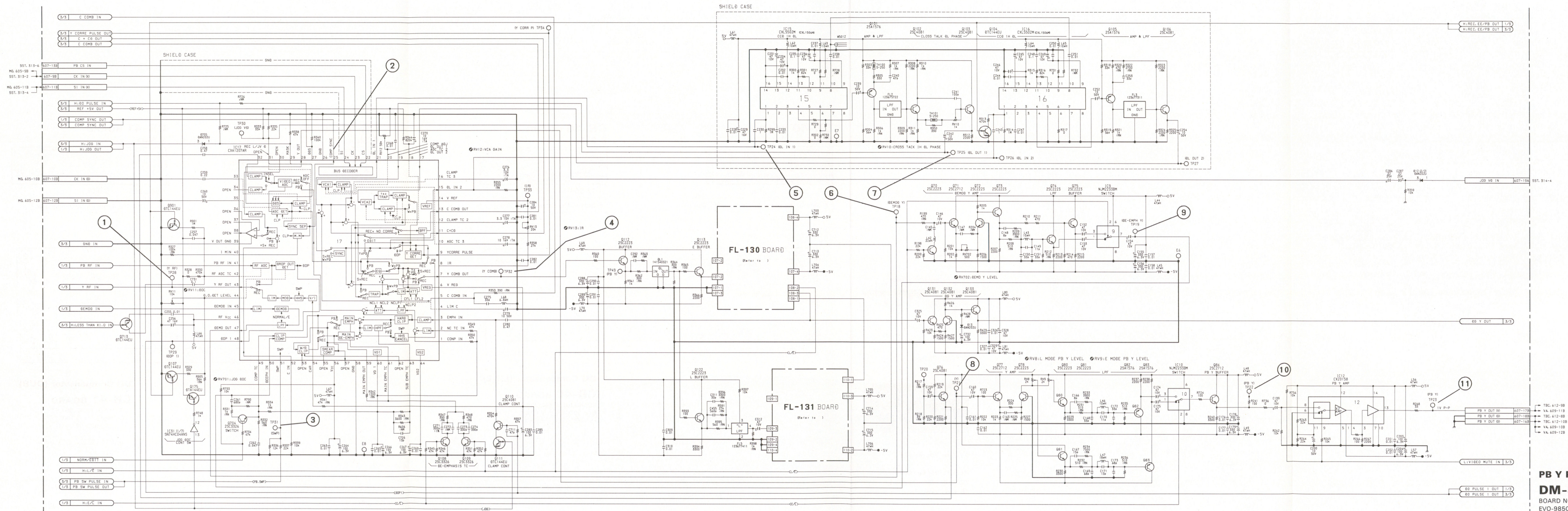


0.5v/div 20μsec/div

Measurement Condition

VIDEO IN: 75% color bars

PB mode: (WR5-8NSE: color bars)



PB Y Process

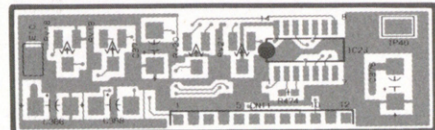
DM-87 BOARD (2/3)

BOARD NO. 1-642-945-11

EVO-9850 (J) : # 10001-

EVO-9850 (UC) : # 10031-

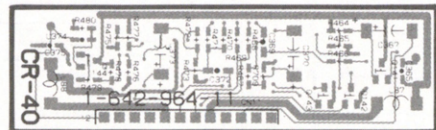
CR-40 BOARD
A Side



1-642-964-11 A SIDE

A Side is the same as Component Side

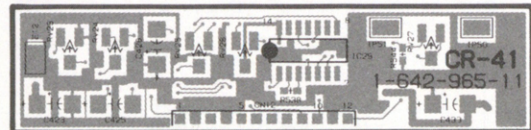
CR-40 BOARD
B Side



1-642-964-11 B SIDE

B Side is the same as Soldering Side

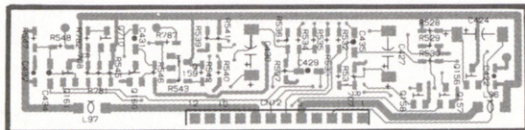
CR-41 BOARD
A Side



1-642-965-11 A SIDE

A Side is the same as Component Side

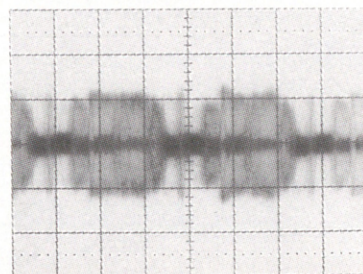
CR-41 BOARD
B Side



1-642-965-11 B SIDE

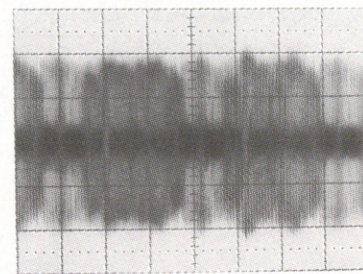
B Side is the same as Soldering Side

① TP40 PB mode



0.05v/div 20μsec/div

② TP50 PB mode

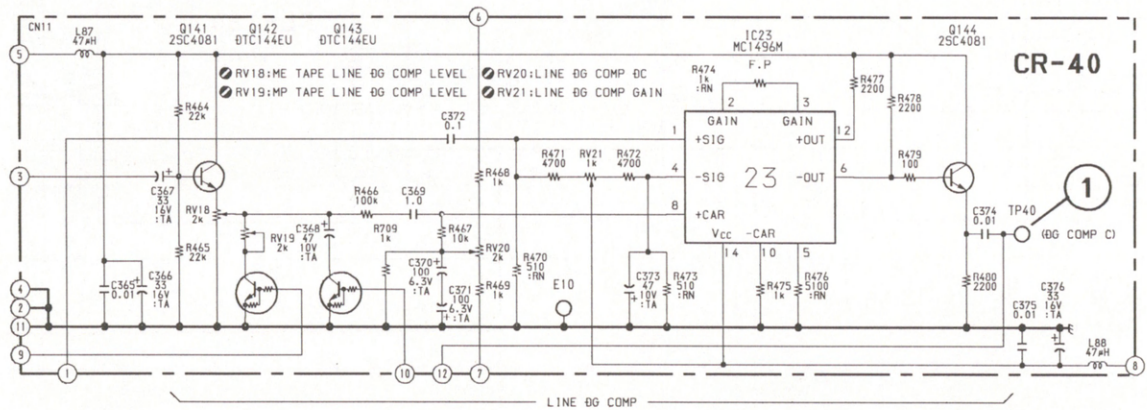


0.2v/div 20μsec/div

Measurement Condition

VIDEO IN : 75% color bars

PB mode : (WR5-8NSE : color bars)



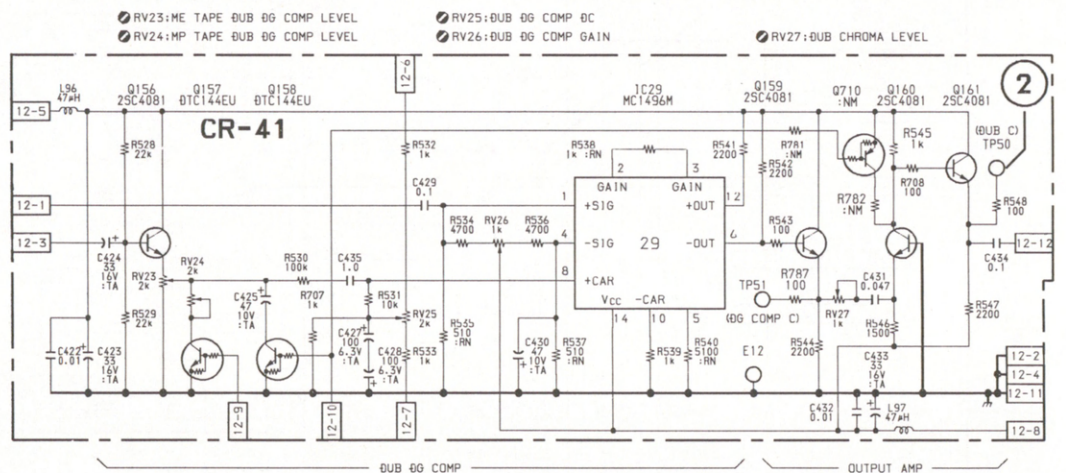
DG Compensator (LINE)

CR-40 BOARD

BOARD NO. 1-642-964-11

EVO-9850 (J) : # 10001—

EVO-9850 (UC) : # 10031—



DG Compensator (DUB)

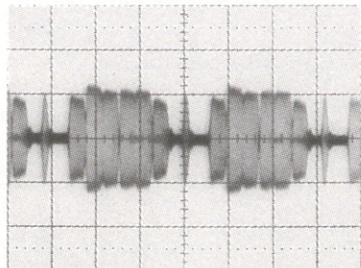
CR-41 BOARD

BOARD NO. 1-642-964-11

EVO-9850 (J) : # 10001—

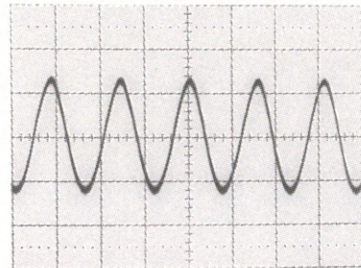
EVO-9850 (UC) : # 10031—

⑤ TP46 PB mode



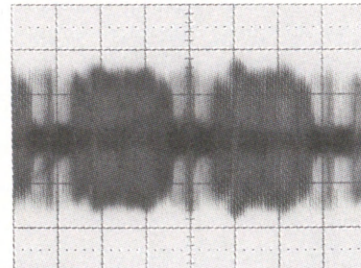
0.1 v/div 20 μ sec/div

⑥ IC25 10pin PB mode



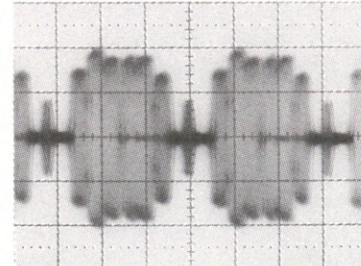
0.1 v/div 0.05 μ sec/div

⑦ TP48 PB mode



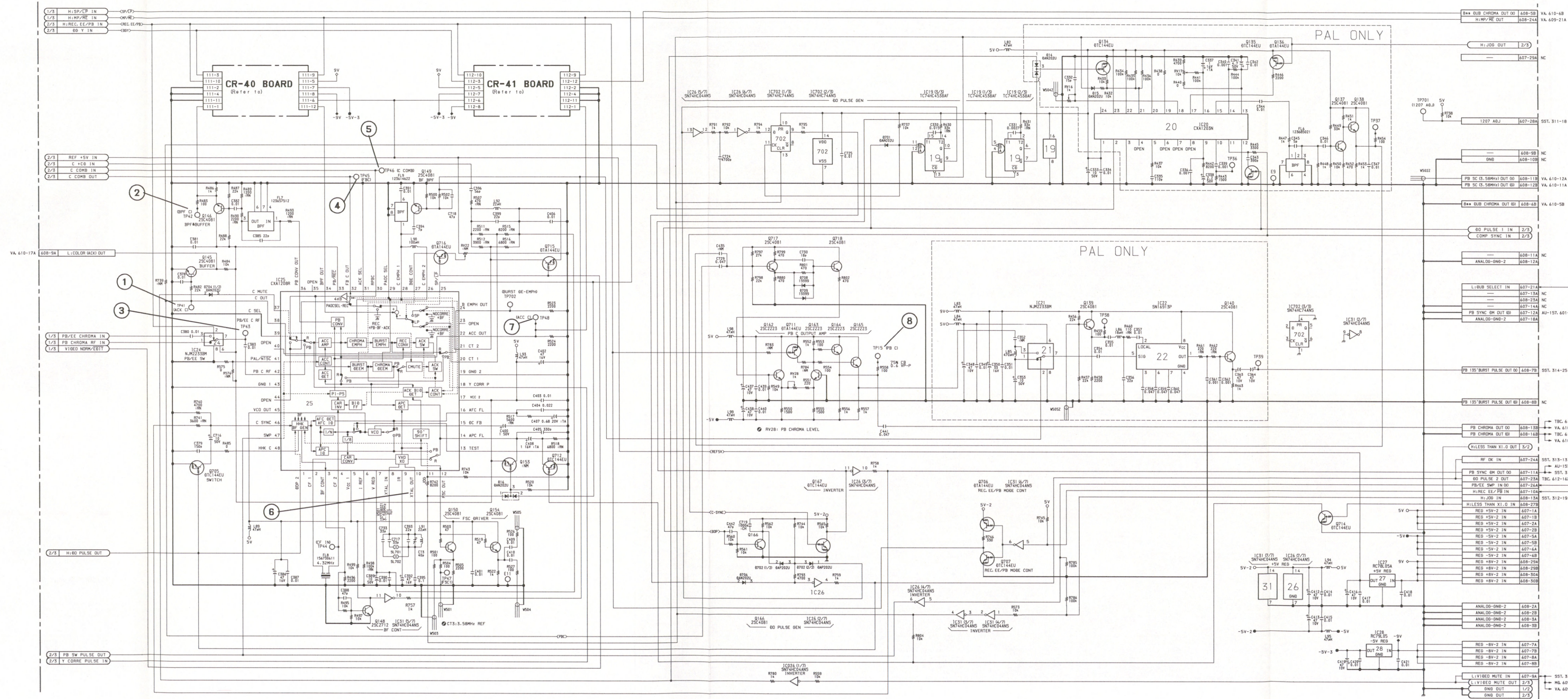
0.1 v/div 20 μ sec/div

⑧ TP15 PB mode



0.2v/div 20 μ sec/div

Measurement Condition
VIDEO IN: 75% color bars
PB mode: (WR5-8NSE: color bars)



PB Chroma Process
DM-87 BOARD (3/3)
 BOARD NO. 1-642-945-11
 EVO-9850 (J) : # 10001—
 EVO-9850 (UC) : # 10031—

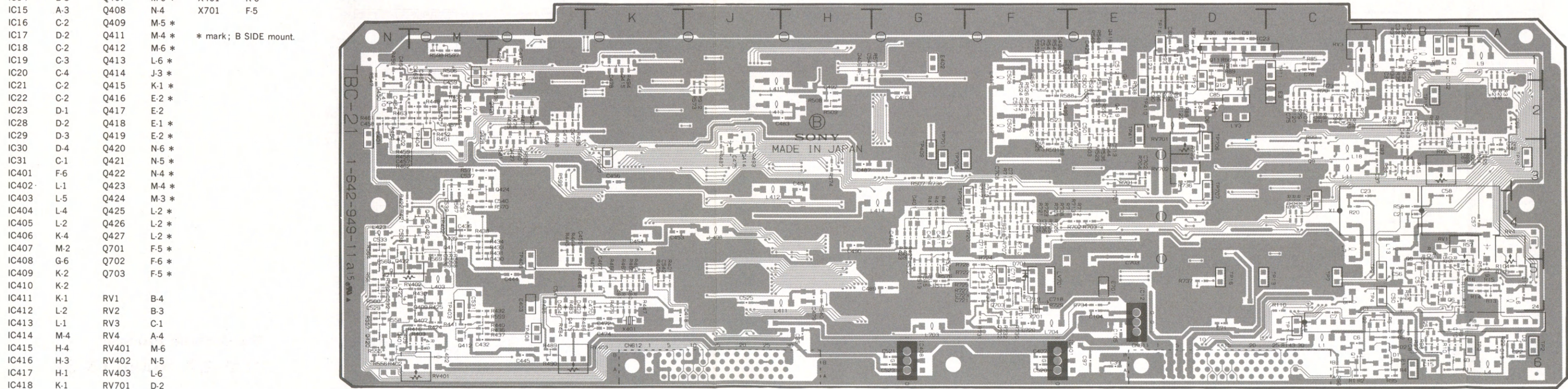
TBC-21 (1-642-949-11)

CN611	D-6	IC420	G-4	RV702	D-3
CN612	J-6	IC421	G-2		
		IC422	F-2	TP1	C-6
CV401	N-2	IC423	F-2	TP2	A-6
		IC424	F-2	TP3	B-6
D1	B-6 *	IC425	F-2	TP4	B-5
D2	B-6 *	IC701	E-3	TP5	B-1
D3	A-6 *	IC702	E-4	TP6	C-4
D5	B-6	IC703	E-3	TP7	C-5
D6	D-2	IC704	E-4	TP9	B-5
D401	G-4 *	IC705	F-4	TP10	A-3
D402	N-2 *	IC706	F-5	TP11	C-1
D403	L-5 *	IC707	E-4	TP12	D-1
D404	L-5 *	IC708	D-4	TP13	D-5
D405	L-6	IC709	D-4	TP14	E-1
D408	L-2 *			TP15	E-2
D409	H-1 *	LV3	D-2	TP16	D-5
D701	F-5	LV701	F-5	TP402	M-4
				TP403	M-5

E1	B-6	Q1	C-6 *	TP404	M-2
E2	B-1	Q2	B-6 *	TP405	M-1
E3	C-2	Q3	B-6 *	TP406	L-5
E401	N-2	Q4	B-6	TP407	K-3
E402	G-1	Q5	B-6 *	TP408	L-6
E403	L-5	Q6	B-5 *	TP409	G-3
E701	E-5	Q8	B-5 *	TP410	E-2
		Q9	C-3 *	TP411	E-2
IC1	C-6	Q11	D-1 *	TP701	G-3
IC2	B-6	Q12	D-1 *	TP703	F-5
IC3	A-5	Q13	D-1 *	TP704	F-4
IC4	A-2	Q14	D-1 *	TP705	F-3
IC5	B-1	Q401	N-6 *	TP706	D-3
IC6	B-2	Q402	N-4	TP707	D-3
IC7	B-2	Q403	N-6		
IC8	B-3	Q404	N-4	X1	B-4
IC11	B-5	Q405	N-6	X2	B-4
IC12	E-6	Q406	M-4 *	X3	D-2
IC14	B-3	Q407	M-6 *	X401	K-6
IC15	A-3	Q408	N-4	X701	F-5
IC16	C-2	Q409	M-5 *		
IC17	D-2	Q411	M-4 *		
IC18	C-2	Q412	M-6 *		
IC19	C-3	Q413	L-6 *		
IC20	C-4	Q414	J-3 *		
IC21	C-2	Q415	K-1 *		
IC22	C-2	Q416	E-2 *		
IC23	D-1	Q417	E-2		
IC28	D-2	Q418	E-1 *		
IC29	D-3	Q419	E-2 *		
IC30	D-4	Q420	N-6 *		
IC31	C-1	Q421	N-5 *		
IC401	F-6	Q422	N-4 *		
IC402	L-1	Q423	M-4 *		
IC403	L-5	Q424	M-3 *		
IC404	L-4	Q425	L-2 *		
IC405	L-2	Q426	L-2 *		
IC406	K-4	Q427	L-2 *		
IC407	M-2	Q701	F-5 *		
IC408	G-6	Q702	F-6 *		
IC409	K-2	Q703	F-5 *		
IC410	K-2				
IC411	K-1	RV1	B-4		
IC412	L-2	RV2	B-3		
IC413	L-1	RV3	C-1		
IC414	M-4	RV4	A-4		
IC415	H-4	RV401	M-6		
IC416	H-3	RV402	N-5		
IC417	H-1	RV403	L-6		
IC418	K-1	RV701	D-2		

TBC-21 BOARD
B Side

* mark; B SIDE mount.



1-642-949-11 B SIDE

B Side is the same as Soldering Side

TBC-21 (1-642-949-11)

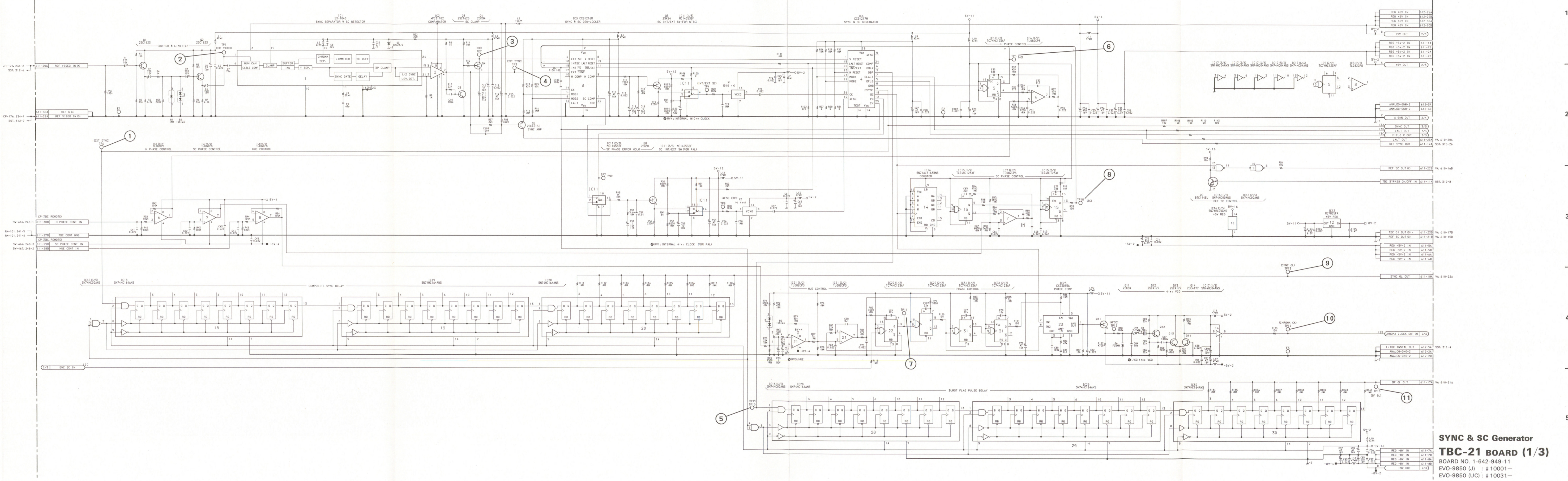
① TP6 EE mode	⑤ TP15 EE mode	⑨ TP13 EE mode
2v/div 20μsec/div	2v/div 20μsec/div	2v/div 20μsec/div

② TP1 EE mode	⑥ TP5 EE mode	⑩ TP14 EE mode
0.1v/div 20μsec/div	2v/div 20μsec/div	2v/div 0.1μsec/div

③ TP2 EE mode	⑦ TP11 EE mode	⑪ TP16 EE mode
1v/div 20μsec/div	2v/div 0.2μsec/div	2v/div 20μsec/div

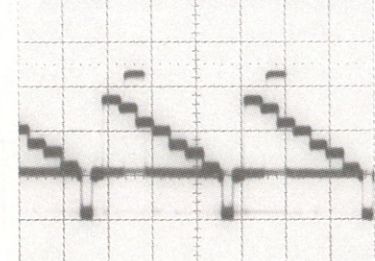
④ TP3 EE mode	⑧ TP10 EE mode	
2v/div 20μsec/div	2v/div 0.5μsec/div	

Measurement Condition
VIDEO IN: 75% color bars
EE mode



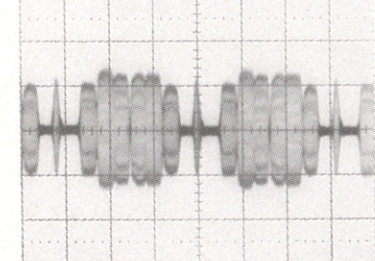
SYNC & SC Generator
TBC-21 BOARD (1/3)
BOARD NO. 1-642-949-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

① TP403 PB mode



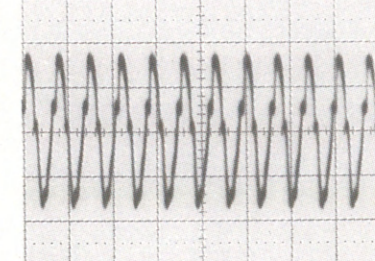
0.5v/div 20μsec/div

② TP402 PB mode



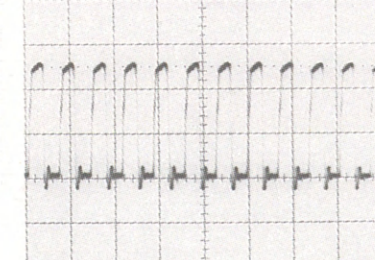
0.5v/div 20μsec/div

③ TP404 EE mode



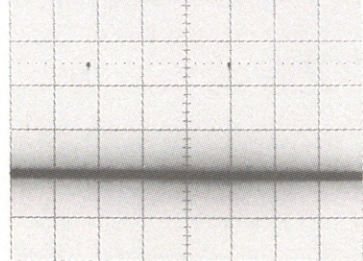
0.05v/div 0.1μsec/div

④ TP405 EE mode



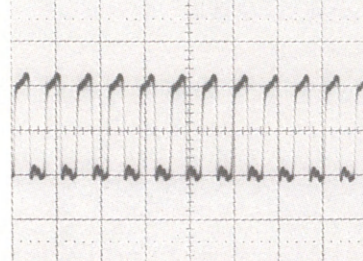
2v/div 0.1μsec/div

⑤ TP407 EE mode



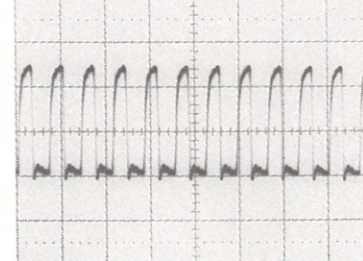
2v/div 20μsec/div

⑥ TP406 EE mode



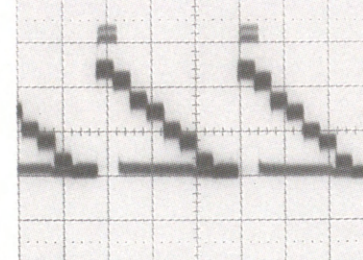
2v/div 0.1μsec/div

⑦ TP409 EE mode



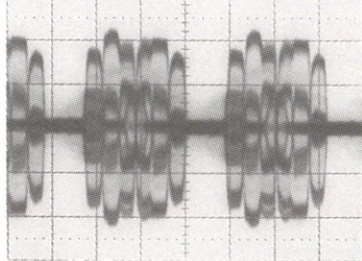
2v/div 0.1μsec/div

⑧ TP410 PB mode



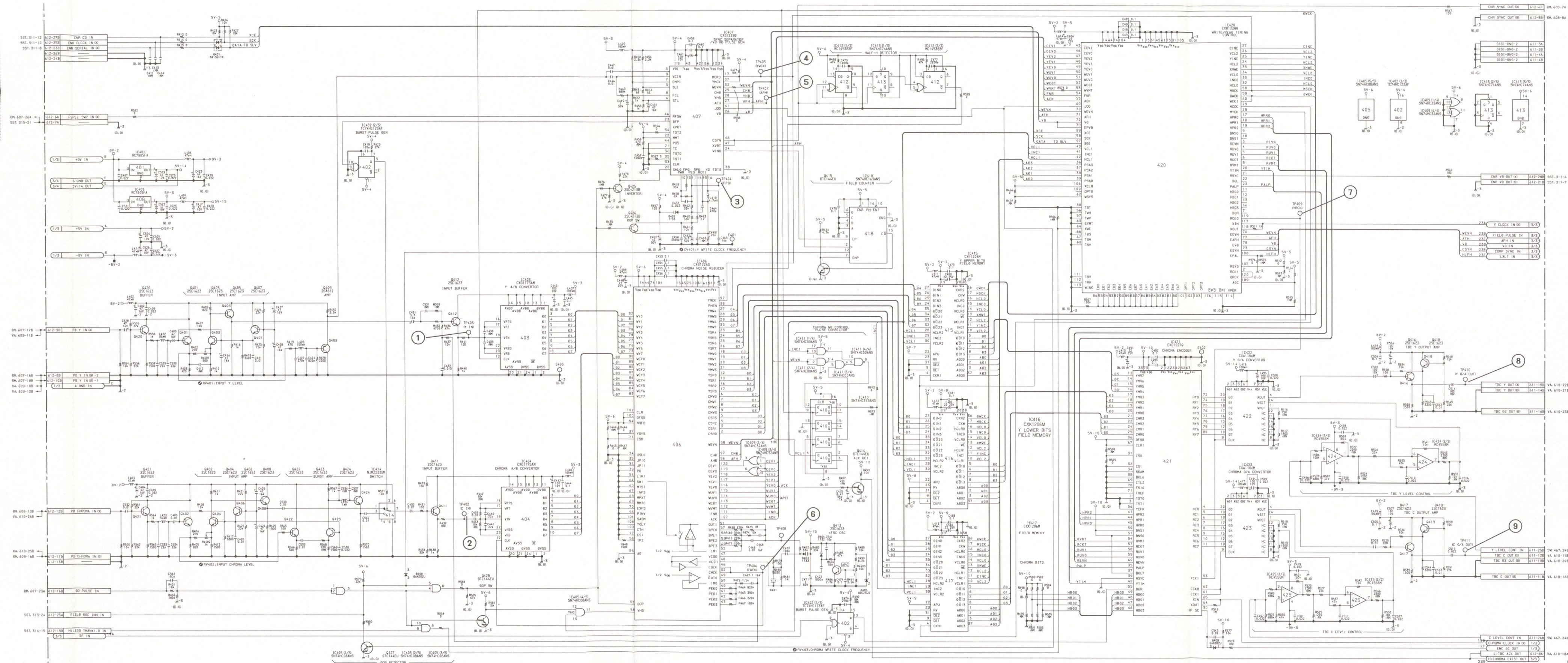
0.2v/div 20μsec/div

⑨ TP411 PB mode

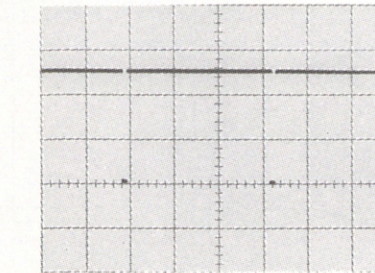


0.2v/div 20μsec/div

Measurement Condition
 VIDEO IN: 75% color bars
 PB mode: (WR5.8NSE: color bars)
 EE mode

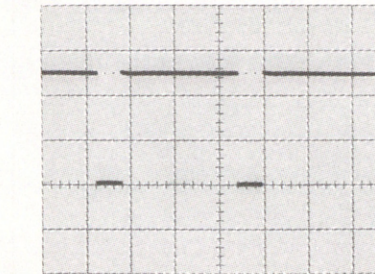


① TP706 EE mode



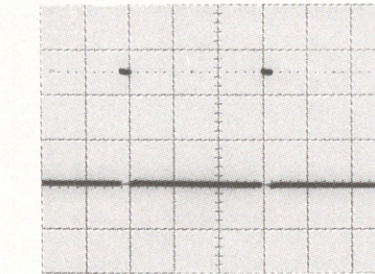
2v/div 5msec/div

② TP707 EE mode



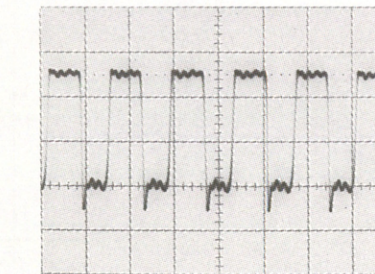
2v/div 20μsec/div

③ TP701 EE mode



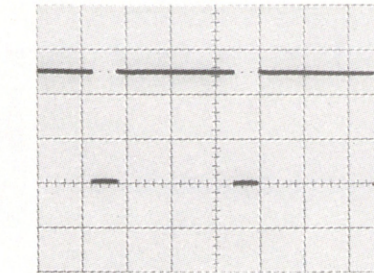
2v/div 20μsec/div

④ TP704 EE mode



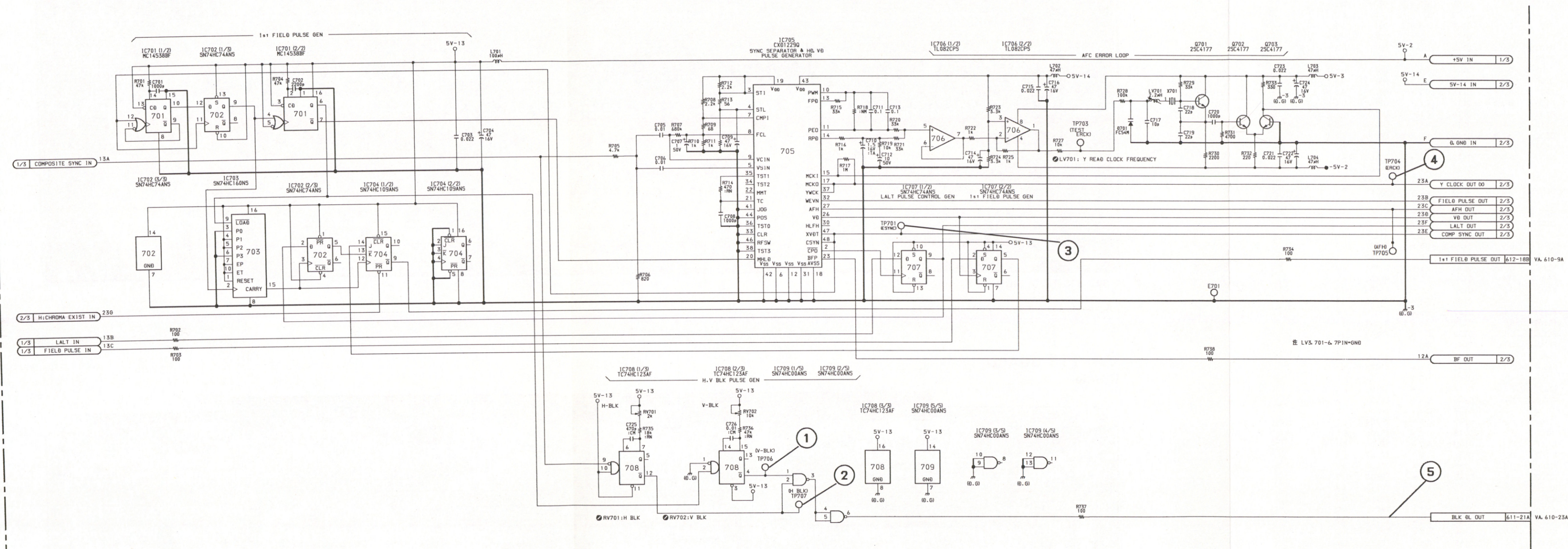
2v/div 0.05μsec/div

⑤ CN611-21A EE mode

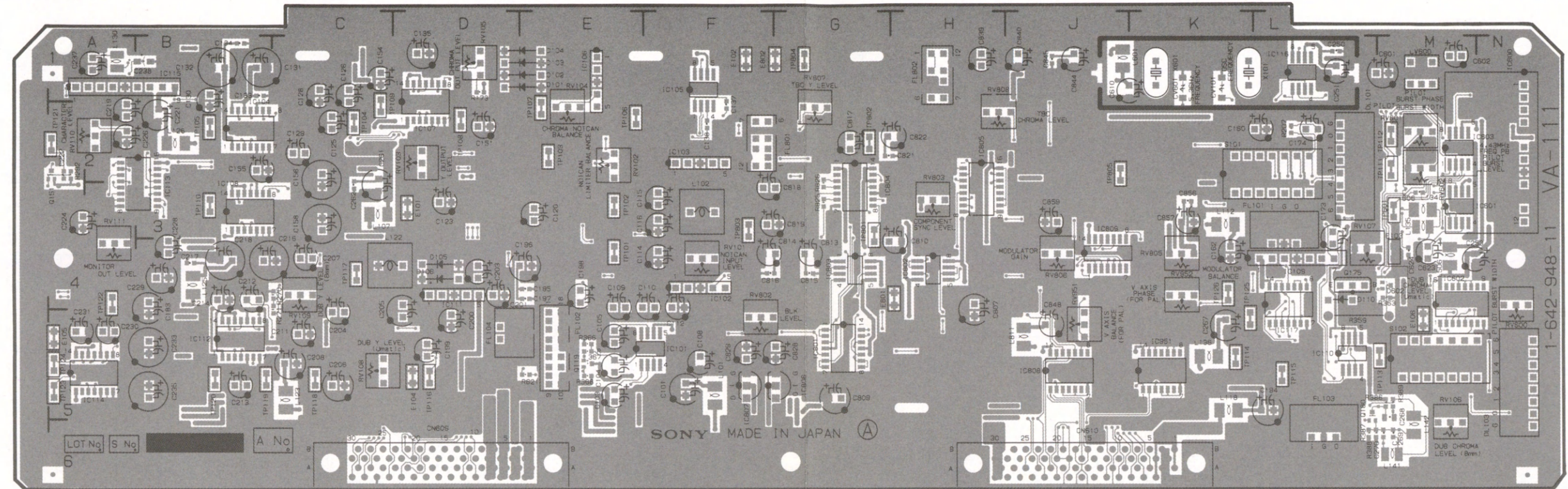


2v/div 20μsec/div

Measurement Condition
VIDEO IN: 75% color bars
EE mode



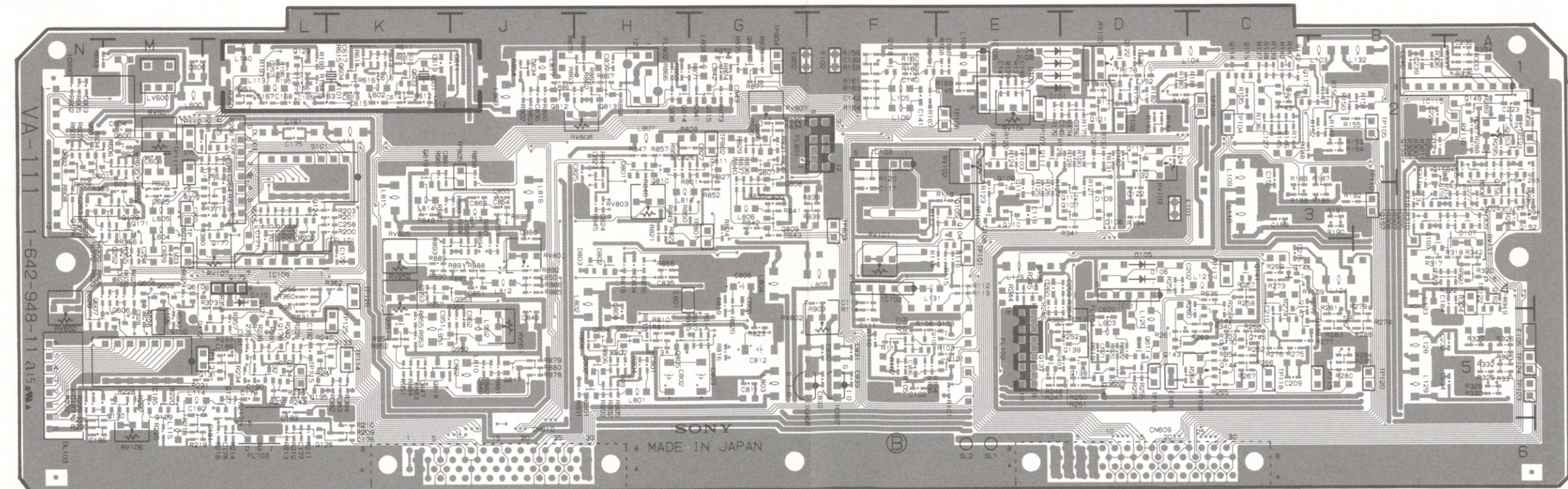
VA-111 BOARD
A Side



1-642-948-11 A SIDE

A Side is the same as Component Side

VA-111 BOARD
B Side

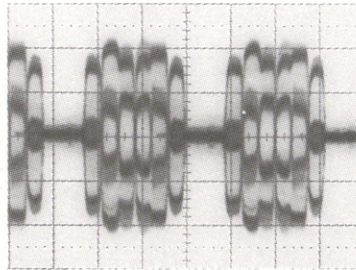


1-642-948-11 B SIDE

B Side is the same as Soldering Side

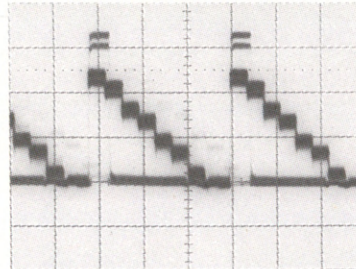
VA-111 (1-642-948-11)									
CN609	D-6	Q105	E-3 *	Q804	H-5 *	TP805	J-2		
CN610	J-6	Q106	E-2 *	Q805	H-5 *			X101	K-1
CV101	K-1	Q107	D-3 *	Q806	G-2 *				
		Q108	E-3 *	Q807	G-2 *				
		Q109	E-3 *	Q808	G-2 *			* mark ;	B SIDE mount.
D101	E-1	Q110	E-3 *	Q809	G-3 *				
D102	E-1	Q111	E-2 *	Q810	H-2 *				
D103	E-1	Q112	D-3 *	Q811	G-2 *				
D104	E-1	Q113	D-2 *	Q812	J-1 *				
D105	D-4	Q114	C-1 *	Q813	H-1 *				
D106	D-4	Q115	C-1 *	Q814	H-1 *				
D107	A-3 *	Q116	C-1 *	Q815	G-1 *				
D108	D-3 *	Q117	C-1 *	Q816	G-1 *				
D109	D-3 *	Q118	F-1 *	Q817	J-5 *				
D110	L-4	Q119	E-5	Q818	K-5 *				
D801	H-2 *	Q120	F-1 *	Q819	K-2 *				
D802	H-4 *	Q121	D-2 *						
D803	H-4 *	Q122	D-1 *	RV101	F-4				
DL101	L-2	Q123	L-1 *	RV102	E-2				
		Q124	L-3 *	RV103	D-2				
		Q125	L-2 *	RV104	E-2				
DL103	N-5	Q126	L-6 *	RV105	D-1				
E101	D-3	Q127	L-5 *	RV106	M-6				
E102	F-1	Q129	M-5 *	RV107	L-4				
E103	M-4	Q130	M-5 *	RV108	C-5				
E104	D-5	Q131	L-5 *	RV109	C-4				
E105	A-5	Q132	L-5 *	RV110	A-2				
E106	M-5	Q133	L-5 *	RV111	A-4				
E801	H-4	Q134	L-5 *	RV802	F-5				
E802	G-1	Q135	L-5 *	RV803	H-3				
FL101	L-4	Q136	E-4 *	RV805	K-4				
		Q137	E-5 *	RV806	J-4				
		Q138	D-5 *	RV807	G-2				
FL102	E-5	Q139	D-5 *	RV808	H-2				
FL103	L-6	Q139	D-5 *	RV808	H-2				
FL104	D-5	Q140	D-5 *						
FL801	F-2	Q141	C-4 *	S101	K-2				
FL802	H-1	Q142	C-5 *	S102	M-5				
IC101	E-5	Q143	D-5 *						
		Q144	C-5 *	TP101	E-4				
		Q145	C-5 *	TP102	E-3				
IC102	F-4	Q145	C-5 *	TP103	E-2				
IC103	F-2	Q146	C-4 *	TP103	E-2				
IC104	B-2	Q147	C-5 *	TP104	C-2				
IC105	F-2	Q148	C-5 *	TP105	B-2				
IC106	E-1	Q149	A-2 *	TP106	E-2				
IC107	D-2	Q151	A-2	TP107	E-2				
IC108	B-3	Q152	A-3 *	TP108	D-2				
IC109	L-4	Q153	A-2 *	TP109	C-2				
IC110	L-5	Q154	A-2 *	TP110	B-3				
IC111	D-4	Q155	A-2 *	TP111	M-2				
IC112	B-5	Q156	A-3 *	TP112	M-2				
IC113	A-2	Q157	B-3 *	TP113	M-5				
IC114	A-5	Q158	B-2 *	TP114	K-5				
IC115	A-1	Q159	B-3 *	TP115	L-5				
IC116	L-1	Q160	B-4 *	TP116	D-5				
IC117	L-5	Q161	A-4 *	TP117	C-4				
IC801	G-5	Q162	A-4 *	TP118	C-5				
IC802	H-4	Q171	M-3 *	TP119	B-5				
IC803	G-4	Q172	L-5 *	TP120	B-5				
IC804	G-2	Q173	L-5 *	TP121	A-2				
IC805	H-2	Q174	N-3 *	TP122	A-4				
IC806	G-5	Q175	L-4	TP123	A-5				
IC807	F-5	Q176	L-2 *	TP124	A-5				
IC808	J-5	Q177	L-3 *	TP125	K-5				
IC809	J-4	Q178	L-5 *	TP126	K-4				
Q101	E-5 *	Q179	M-3 *	TP601	M-3				
		Q180	L-5	TP801	G-3				
		Q801	H-5 *	TP802	G-2				
Q102	F-5 *	Q802	H-5 *	TP803	F-3				
Q103	E-5 *	Q803	H-5 *	TP804	G-1				
Q104	E-3 *	Q803	H-5 *	TP804	G-1				

① CN610-19B PB mode



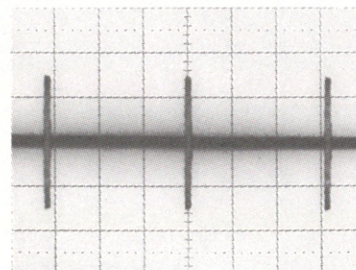
0.2v/div 20μsec/div

② TP801 PB mode



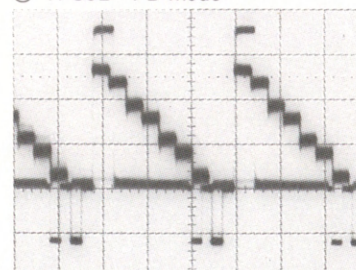
0.2v/div 20μsec/div

③ TP805 EE mode



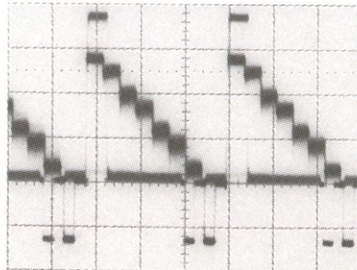
0.1v/div 20μsec/div

④ TP802 PB mode



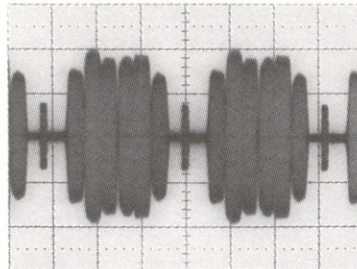
0.2v/div 20μsec/div

⑤ TP805 PB mode



0.2v/div 20μsec/div

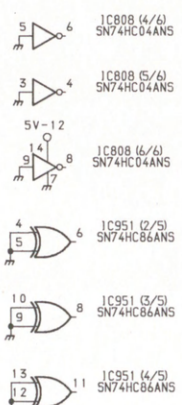
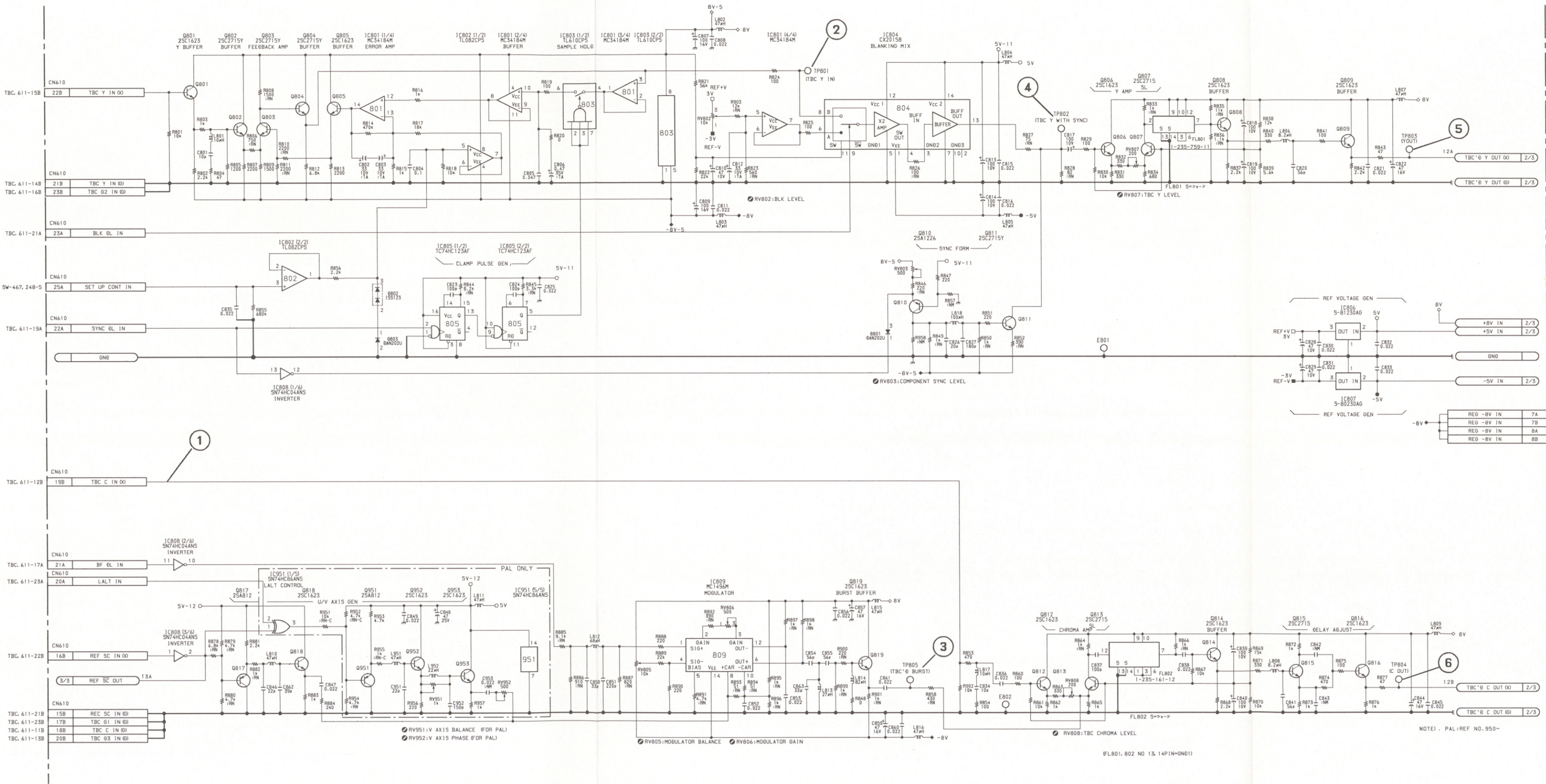
⑥ TP804 PB mode



0.2v/div 20μsec/div

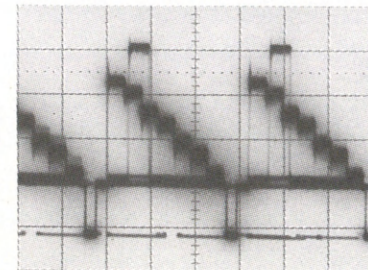
Measurement Condition

VIDEO IN: 75% color bars
PB mode: (WR5-8NSE: color bars)
EE mode



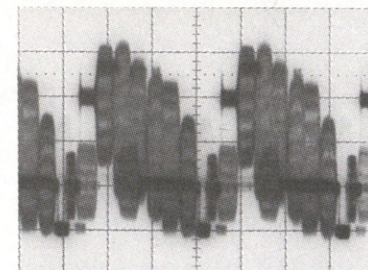
TBC' D Y/C Process
VA-111 BOARD (1/3)
BOARD NO. 1-642-948-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

⑨ TP110 PB mode



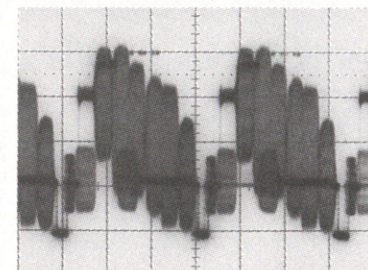
0.5v/div 20 μ sec/div

⑩ TP123 PB mode



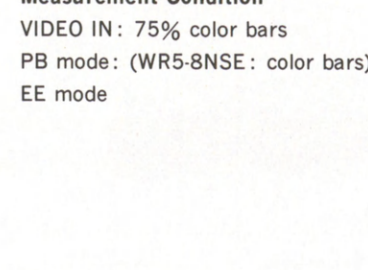
0.2v/div 20 μ sec/div

⑪ TP124 PB mode

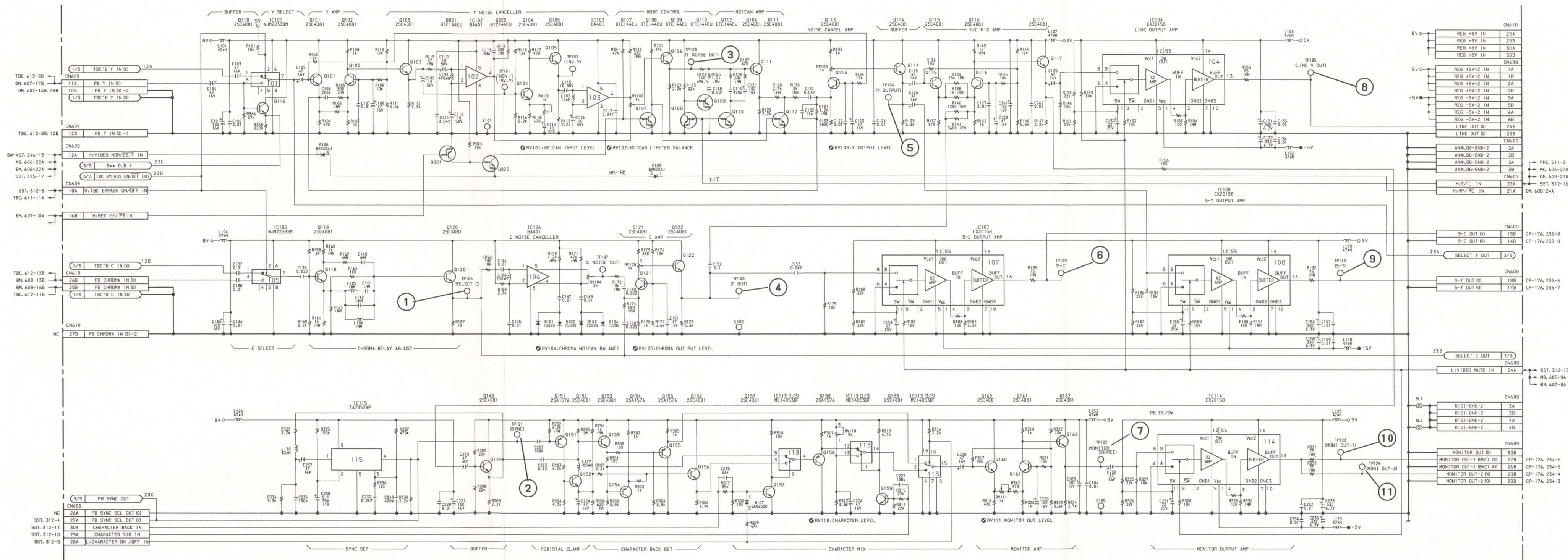


0.5v/div 20 μ sec/div

Measurement Condi

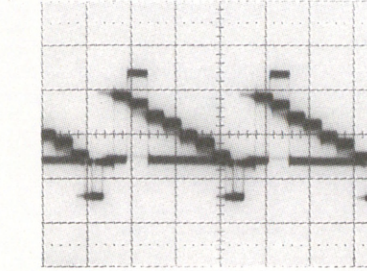


0.5v/div 20 μ sec/div



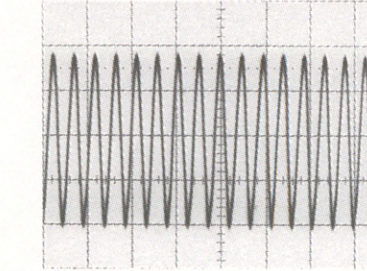
EVO-9850 (UC) : # 10031—

① TP116 PB mode



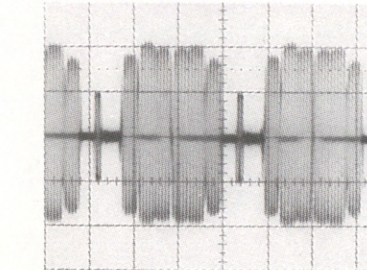
0.2v/div 20 μ sec/div

② TP111 PB mode



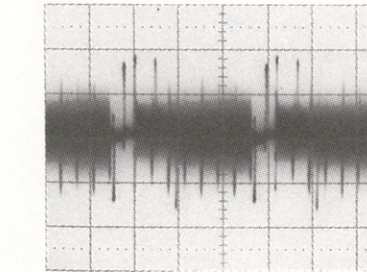
0.2v/div 0.5 μ sec/div

③ TP112 PB mode



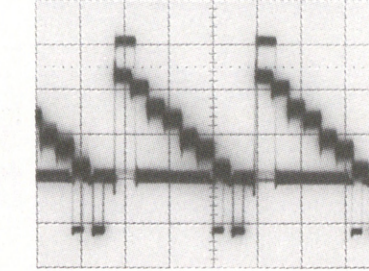
0.2v/div 20 μ sec/div

④ TP117 PB mode



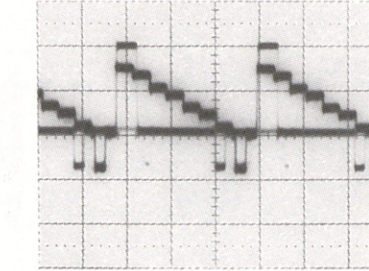
0.1v/div 20 μ sec/div

⑤ TP118 PB mode



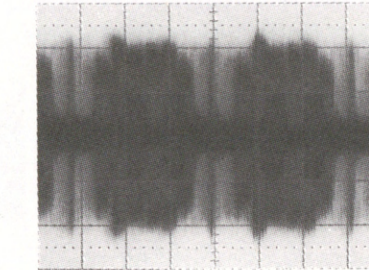
0.2v/div 20 μ sec/div

⑥ TP119 PB mode



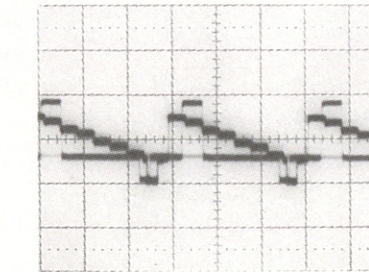
0.2v/div 20 μ sec/div

⑦ TP113 PB mode



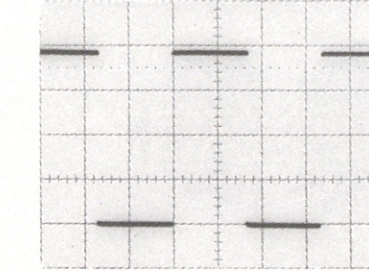
0.1v/div 20 μ sec/div

⑧ TP120 PB mode



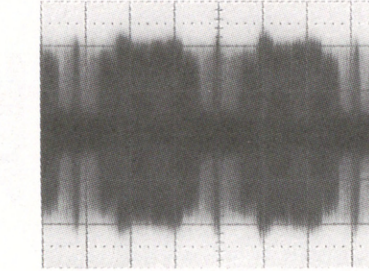
0.5v/div 20 μ sec/div

⑨ TP125 EE mode



2v/div 10msec/div

⑩ TP115 PB mode



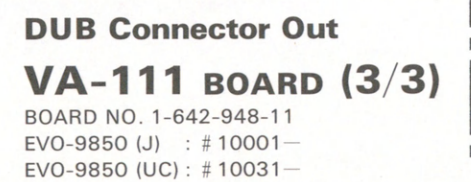
0.1v/div 20 μ sec/div

Measurement Condition

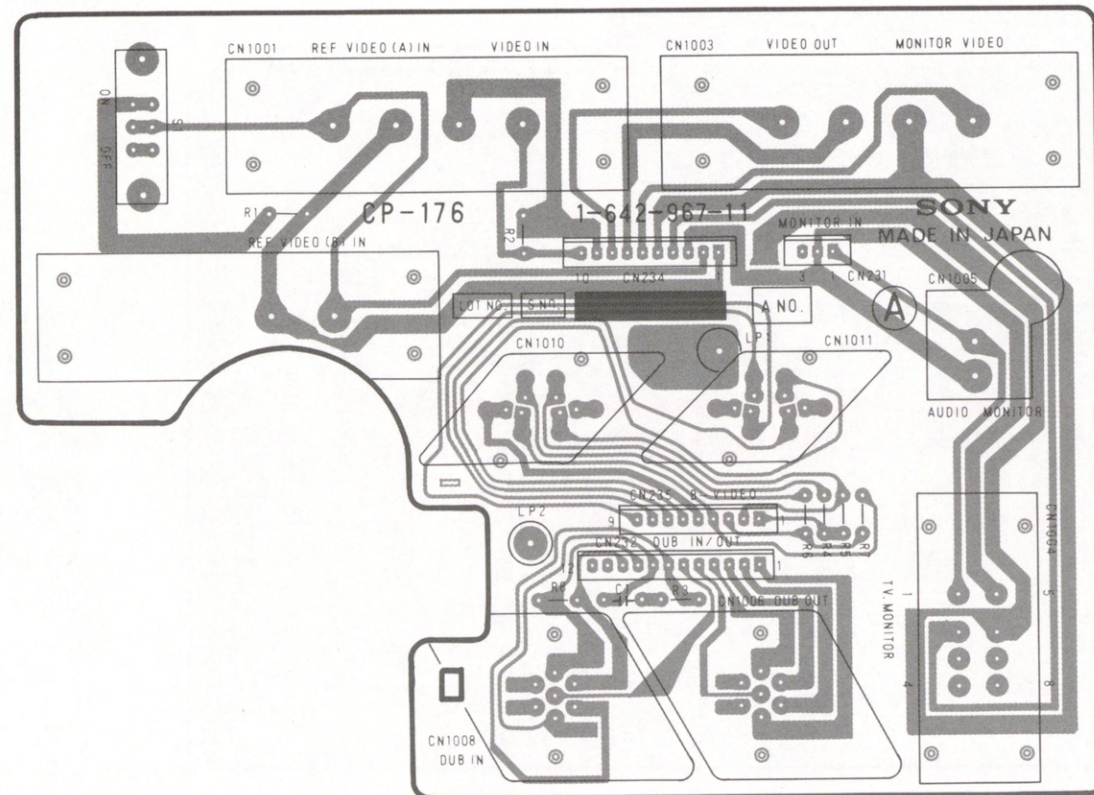
VIDEO IN: 75% color bars

PB mode: (WR5-8NSE: color bars)

EE mode



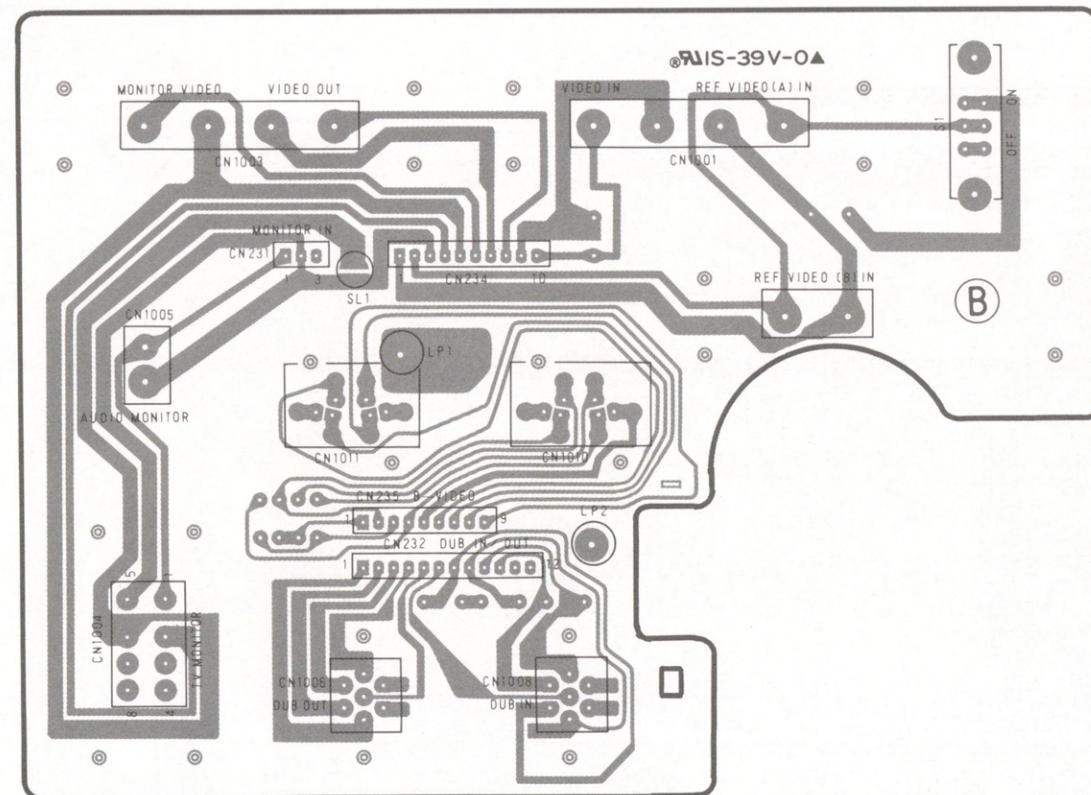
CP-176 BOARD
A Side



1-642-967-11 A SIDE

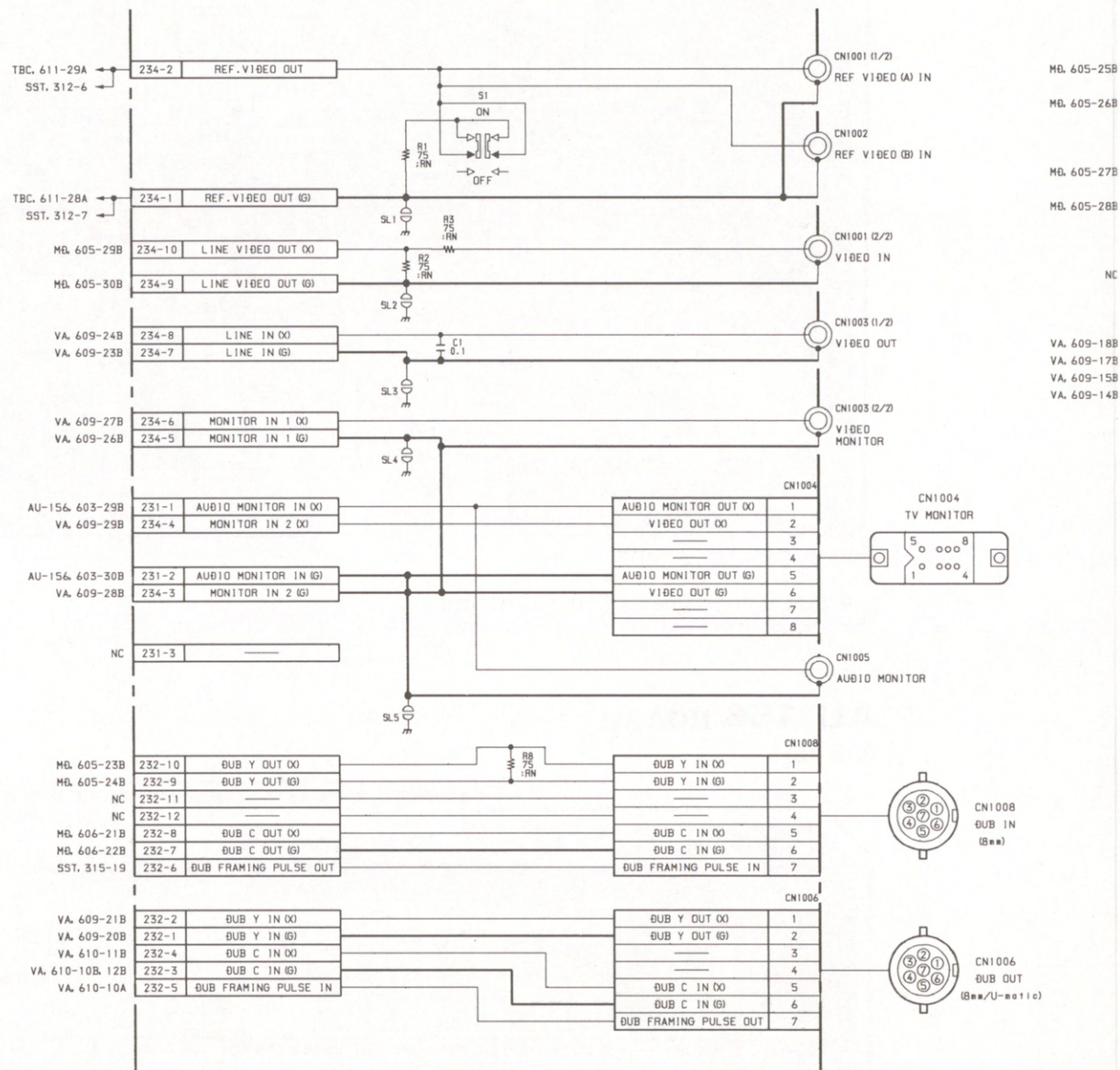
CP-176 BOARD
B Side

A Side is the same as Component Side



1-642-967-11 B SIDE

B Side is the same as Soldering Side



Audio Input/Output

CP-176 BOARD

BOARD NO. 1-642-967-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

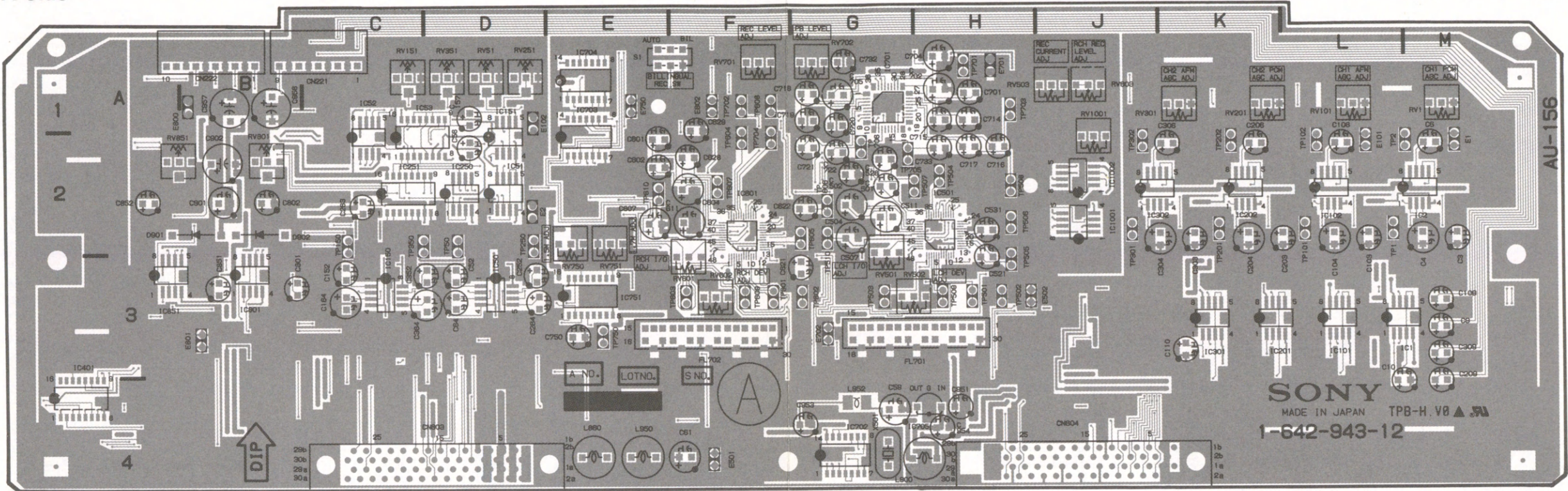
AU-156 (1-642-943-12)

CN221	C-1	IC705	G-4	RV351	D-1
CN222	B-1	IC751	E-3	RV501	G-3
CN603	D-4	IC801	B-3	RV502	G-3
CN604	J-4	IC851	A-3	RV503	H-1
		IC1001	J-2	RV601	F-3
		IC1002	J-2	RV602	F-3
D1	M-2 *			RV603	J-1
D2	M-2 *				
D50	D-3 *	Q1	L-2 *	RV701	F-1
D51	D-3 *	Q2	M-2 *	RV702	G-1
D52	D-3 *	Q3	M-2 *	RV750	E-3
D53	C-2 *	Q50	D-3 *	RV751	E-3
D54	C-1 *	Q51	D-3 *	RV801	B-2
D55	C-2 *	Q54	C-2 *	RV851	A-2
D101	L-2 *	Q101	L-2 *	RV1001	J-1
D102	L-2 *	Q102	L-2 *		
D150	D-3 *	Q103	L-2 *	S1	E-1
D151	C-3 *	Q150	C-3 *		
D153	C-3 *	Q151	C-3 *	TP1	L-2
D201	K-2 *	Q154	C-1 *	TP2	L-2
D202	K-2 *	Q155	D-2 *	TP50	D-2
D301	K-2 *	Q201	K-2 *	TP101	L-3
D302	K-2 *	Q202	K-2 *	TP102	L-2
D750	E-3 *	Q203	K-2 *	TP150	C-2
D751	E-3 *	Q250	D-3 *	TP201	K-3
D801	B-2 *	Q251	D-3 *	TP202	K-2
D802	B-2 *	Q255	D-2 *	TP250	D-2
D901	A-2	Q256	C-2 *	TP301	J-3
D902	B-2	Q257	C-2 *	TP302	J-2
D903	B-3 *	Q301	J-3 *	TP350	C-2
		Q302	K-2 *	TP501	H-3
E1	M-2	Q303	K-2 *	TP502	H-3
E2	D-2	Q350	C-3 *	TP503	G-3
E101	L-2	Q351	C-3 *	TP504	H-2
E102	D-1	Q602	F-3 *	TP505	H-3
E501	F-4	Q701	J-1 *	TP506	H-2
E502	J-3	Q702	J-1 *	TP507	H-2
E602	F-1	Q703	H-1 *	TP508	H-2
E701	H-1	Q704	H-1 *	TP509	H-3
E702	G-3	Q705	J-3 *	TP510	G-2
E750	E-1	Q706	H-3 *	TP601	F-2
E800	A-1	Q707	H-3 *	TP602	G-3
E801	B-3	Q708	G-3 *	TP603	F-3
		Q709	E-3 *	TP604	F-2
FL701	G-3	Q710	E-1 *	TP605	G-2
FL702	F-3	Q750	E-3 *	TP606	G-2
		Q751	E-3 *	TP607	F-2
IC1	L-3	Q752	E-2 *	TP608	F-1
IC2	M-2	Q753	E-2 *	TP609	F-3
IC50	D-3	Q754	E-2 *	TP610	E-2
IC51	D-2	Q755	E-2 *	TP701	H-1
IC52	C-1	Q756	E-2 *	TP702	F-1
IC53	C-1	Q801	B-2 *	TP703	H-1
IC101	L-3	Q802	B-3 *	TP704	F-1
IC102	L-2	Q851	B-3 *	TP705	G-2
IC150	C-3	Q852	B-3 *	TP706	G-2
IC151	D-1	Q860	J-3 *	TP750	E-3
IC201	K-3	Q901	B-2 *		
IC202	K-2	Q902	B-3 *	X501	G-4
IC250	D-2	Q1001	J-2 *		
IC251	C-2	Q1002	J-2 *		
IC301	K-3	Q1003	J-1 *		
IC302	J-2				
IC401	A-3	RV1	M-1		
IC501	H-2	RV51	D-1		
IC601	F-2	RV101	L-1		
IC701	G-1	RV151	C-1		
IC702	G-4	RV201	K-1		
IC703	E-1	RV251	D-1		
IC704	E-1	RV301	J-1		

* mark; B SIDE mount.

AU-156 BOARD
A Side

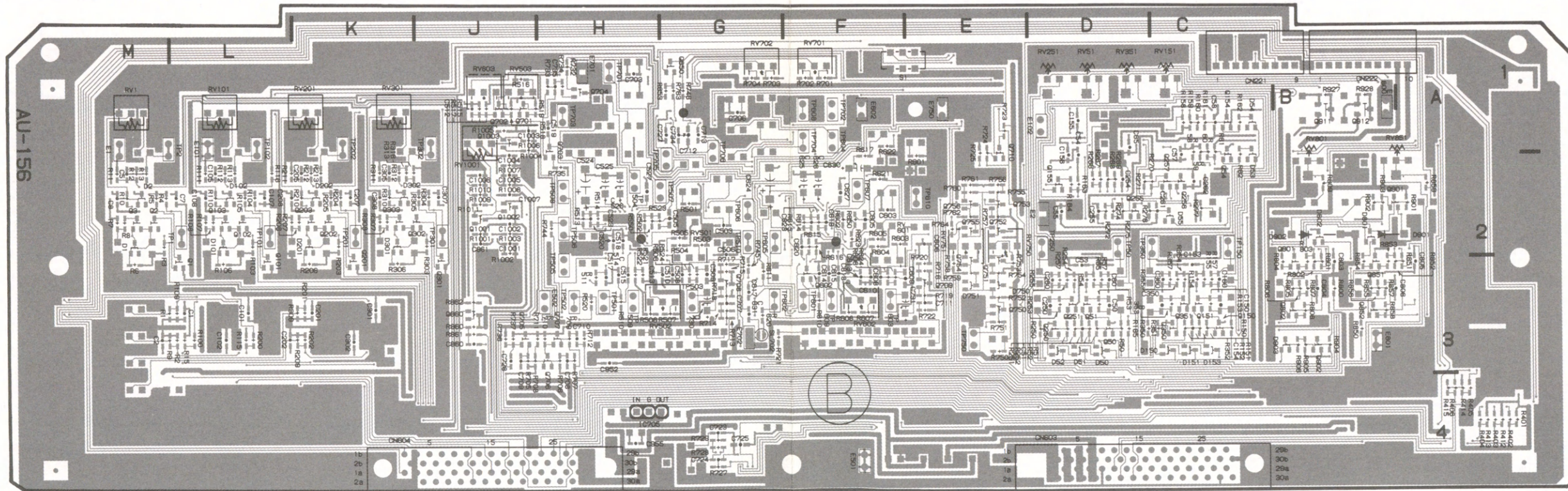
Serial No.: (J) 10031 and higher
Serial No.: (UC) 10071 and higher



1-642-943-12 A SIDE

A Side is the same as Component Side

AU-156 BOARD
B Side



1-642-943-12 B SIDE

B Side is the same as Soldering Side

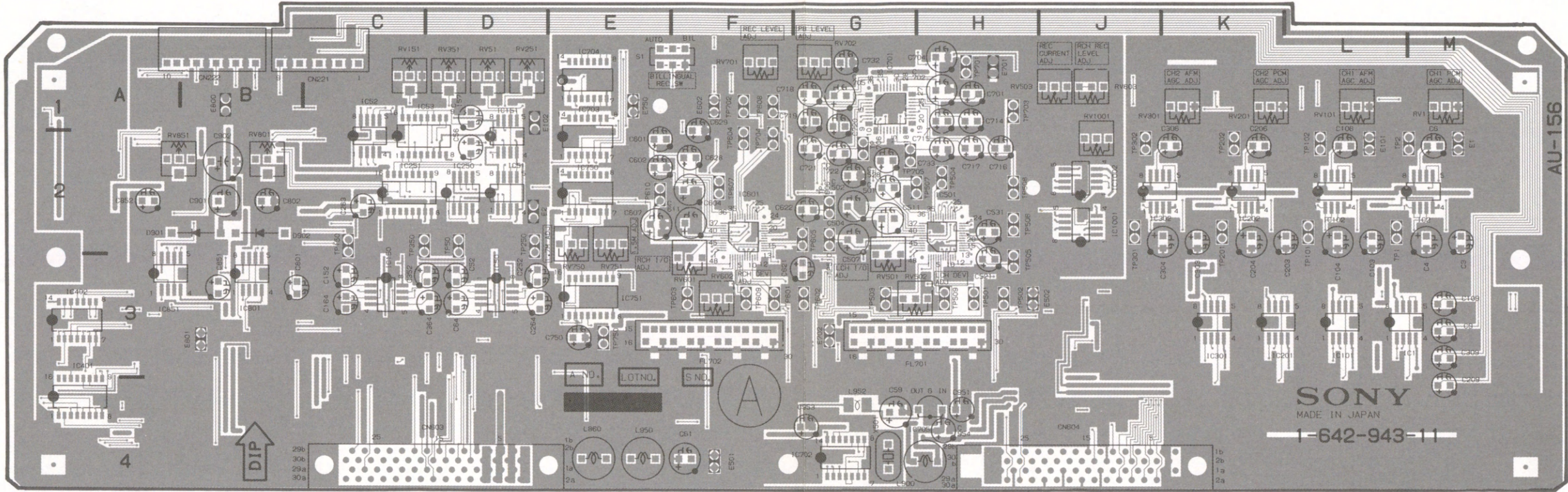
AU-156 (1-642-943-11)

CN221	C-1	IC701	G-1	Q905	A-1 *	TP704	F-1
CN222	B-1	IC702	G-4	Q906	A-1 *	TP705	G-2
CN603	D-4	IC703	E-2	Q907	A-2 *	TP706	G-2
CN604	J-4	IC704	E-1	Q908	A-2 *	TP750	E-3
		IC705	H-4	Q909	A-2 *		
D0	L-1 *	IC750	E-2	Q910	A-2 *	X501	G-4
D1	M-2 *	IC751	E-3	Q1001	J-2 *		
D2	M-2 *	IC801	B-3	Q1002	J-2 *		
D50	D-3 *	IC851	A-3	Q1003	J-1 *		
D51	D-3 *	IC1001	J-2				
D52	D-3 *	IC1002	J-2	RV1	M-1		
D53	C-2 *			RV51	D-1		
D54	C-1 *	Q0	M-2 *	RV101	L-1		
D55	C-2 *	Q1	L-2 *	RV151	C-1		
D100	L-1 *	Q2	M-2 *	RV201	K-1		
D101	L-2 *	Q3	M-2 *	RV251	D-1		
D102	L-2 *	Q50	D-3 *	RV301	K-1		
D150	C-3 *	Q51	D-3 *	RV351	D-1		
D151	C-3 *	Q54	C-2 *	RV501	G-2		
D153	C-3 *	Q100	L-2 *	RV502	G-3		
D201	K-2 *	Q101	L-2 *	RV503	J-1		
D202	K-2 *	Q102	L-2 *	RV601	F-3		
D301	K-2 *	Q103	L-2 *	RV602	F-3		
D302	K-2 *	Q150	C-3 *	RV603	J-1		
D401	A-3 *	Q151	C-3 *	RV701	F-1		
D750	E-3 *	Q154	C-1 *	RV702	G-1		
D751	E-3 *	Q155	D-2 *	RV750	E-2		
D801	B-2 *	Q200	K-2 *	RV751	E-2		
D802	B-2 *	Q201	K-2 *	RV801	B-2		
D901	B-2	Q202	K-2 *	RV851	A-2		
D902	B-2	Q203	K-2 *	RV1001	J-1		
D903	B-3 *	Q250	D-3 *				
		Q251	D-3 *	S1	F-1		
E1	M-1	Q255	D-2 *				
E2	D-2	Q256	C-2 *	TP1	L-2		
E101	L-1	Q257	C-2 *	TP2	M-1		
E102	D-1	Q300	J-2 *	TP50	D-2		
E501	F-4	Q301	J-2 *	TP101	L-2		
E502	H-3	Q302	J-2 *	TP102	L-1		
E602	F-1	Q303	K-2 *	TP150	C-2		
E701	H-1	Q350	C-3 *	TP201	K-2		
E702	G-3	Q351	C-3 *	TP202	K-1		
E750	E-1	Q602	F-3 *	TP250	D-2		
E800	B-1	Q701	J-1 *	TP301	J-2		
E801	B-3	Q702	J-1 *	TP302	J-1		
		Q703	H-2 *	TP350	C-2		
FL701	H-3	Q704	H-1 *	TP501	H-3		
FL702	F-3	Q705	J-3 *	TP502	H-3		
		Q706	H-3 *	TP503	G-3		
		Q707	H-3 *	TP504	H-2		
IC1	L-3	Q708	G-3 *	TP505	H-3		
IC2	M-2	Q709	E-3 *	TP506	H-2		
IC50	D-3	Q710	E-2 *	TP507	G-2		
IC51	D-2	Q710	E-2 *	TP507	G-2		
IC52	C-2	Q750	E-3 *	TP508	H-2		
IC53	C-2	Q751	E-3 *	TP509	H-3		
IC101	L-3	Q752	E-2 *	TP510	G-2		
IC102	L-2	Q753	E-2 *	TP601	F-3		
IC150	C-3	Q754	E-3 *	TP602	G-3		
IC151	D-2	Q755	E-2 *	TP603	F-3		
IC201	K-3	Q756	E-2 *	TP604	F-1		
IC202	K-2	Q801	B-3 *	TP605	G-2		
IC250	D-2	Q802	B-3 *	TP606	G-2		
IC251	C-2	Q851	B-3 *	TP607	F-2		
IC301	K-3	Q852	B-3 *	TP608	F-1		
IC302	J-2	Q860	J-3 *	TP609	F-3		
IC401	A-4	Q901	B-2 *	TP610	E-2		
IC402	A-3	Q902	B-3 *	TP701	H-1		
IC501	H-2	Q903	A-1 *	TP702	F-1		
IC601	F-2	Q904	A-1 *	TP703	H-1		

* mark; B SIDE mount.

AU-156 BOARD
A Side

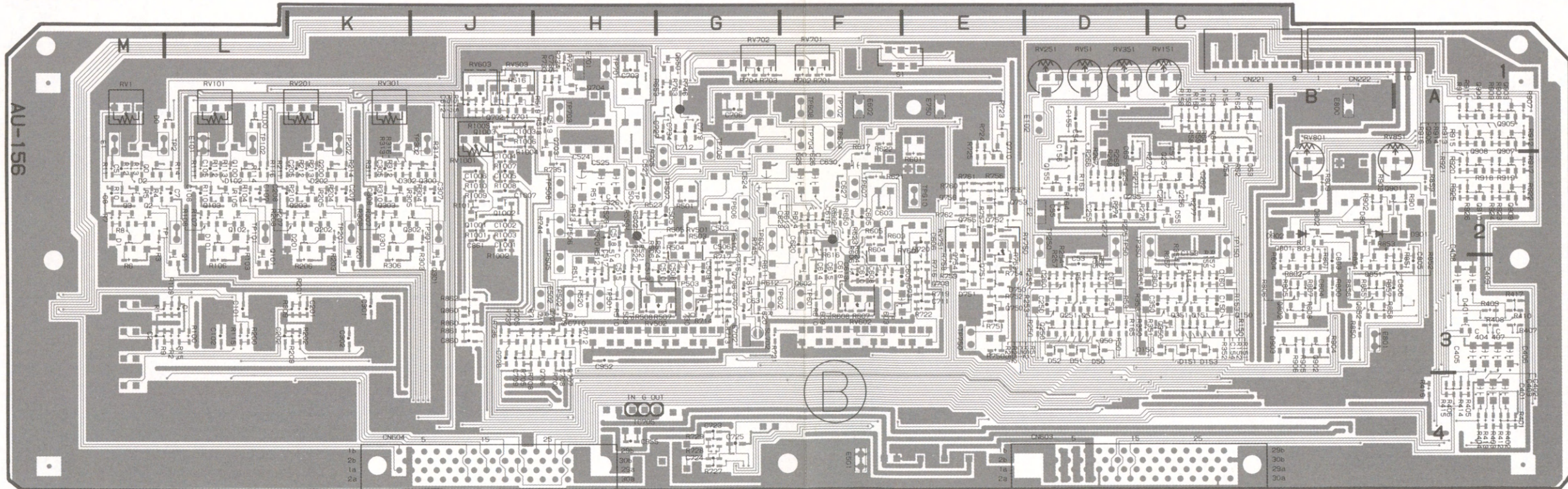
Serial No.: (J) 10001—10030
Serial No.: (UC) 10031—10070



1-642-943-11 A SIDE

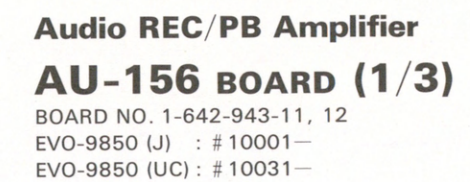
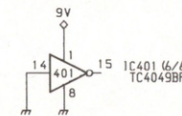
A Side is the same as Component Side

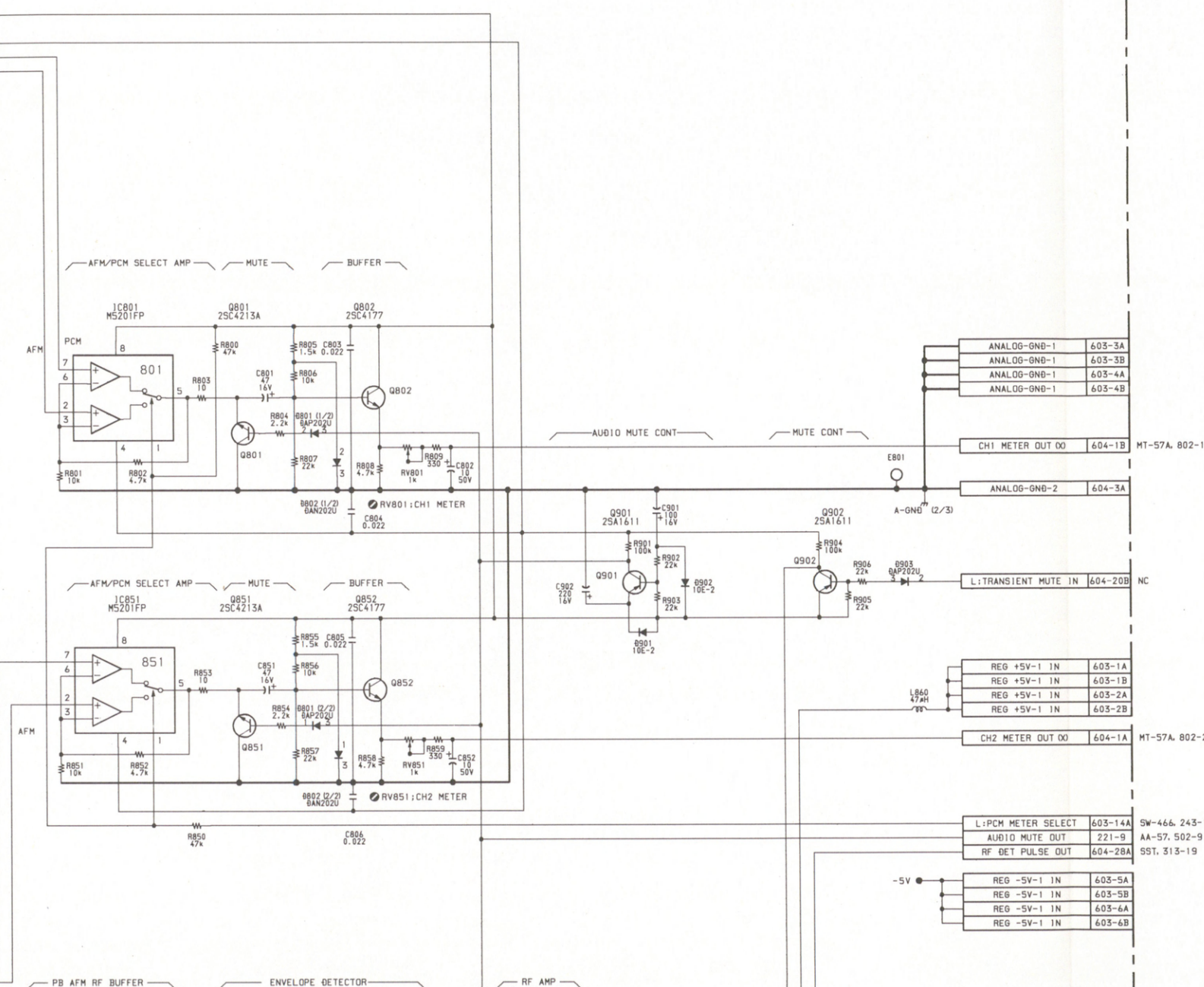
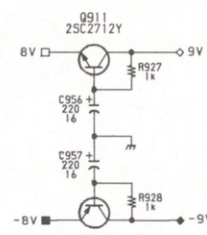
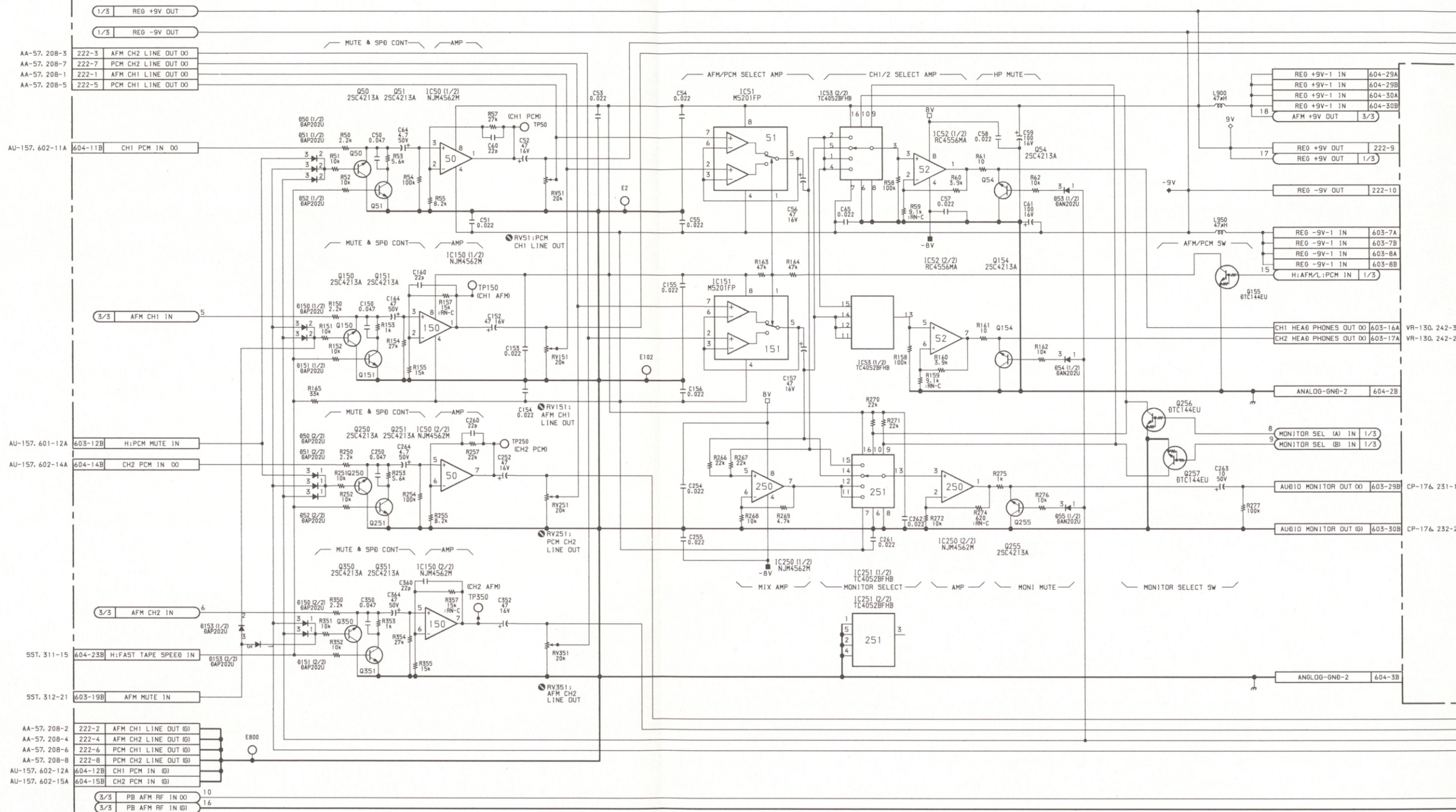
AU-156 BOARD
B Side



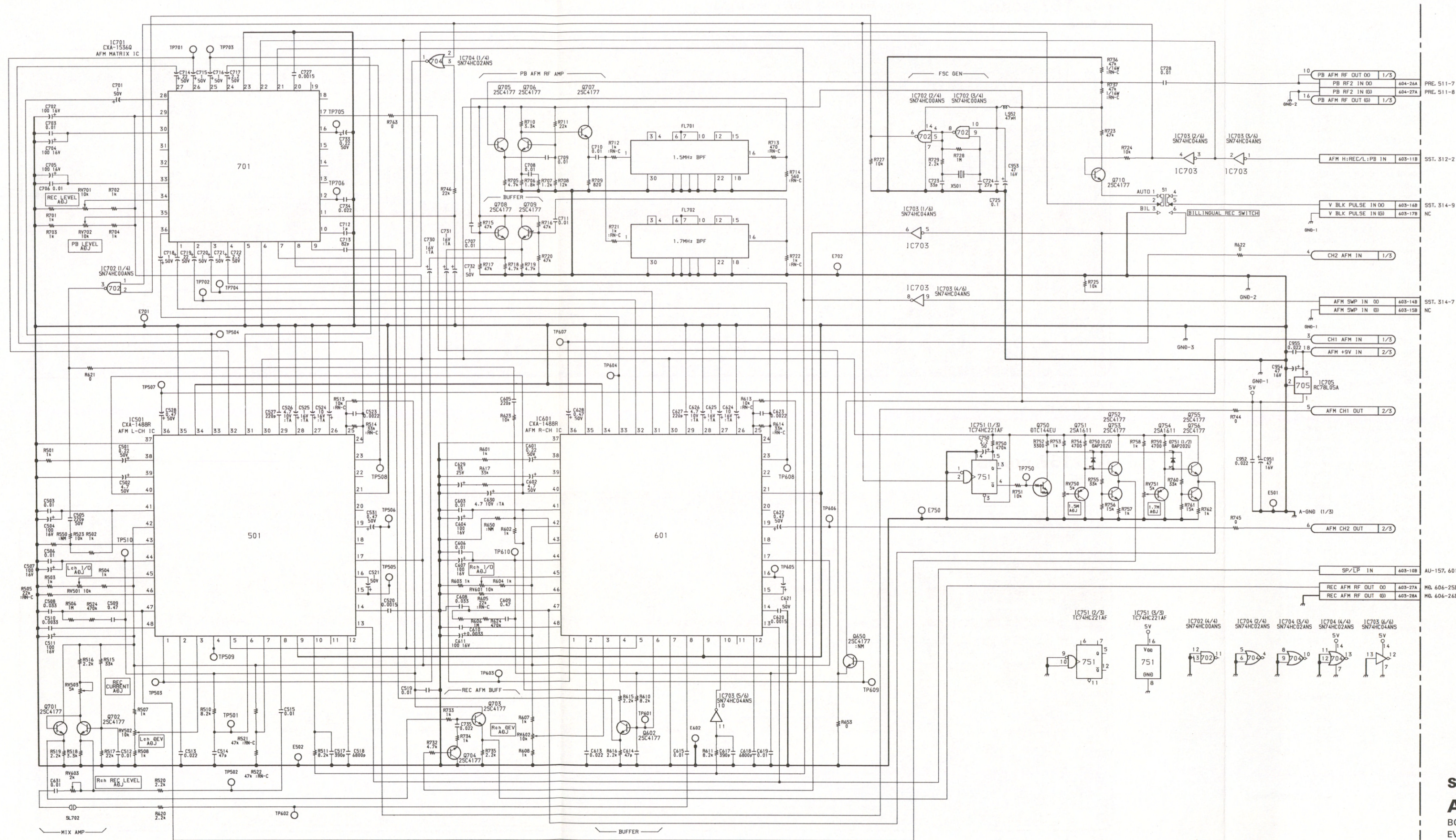
1-642-943-11 B SIDE

B Side is the same as Soldering Side





AFM Audio Process
AU-156 BOARD (2/3)
BOARD NO. 1-642-943-11, 12
EVO-9850 (J) : # 10001-
EVO-9850 (UC) : # 10031-



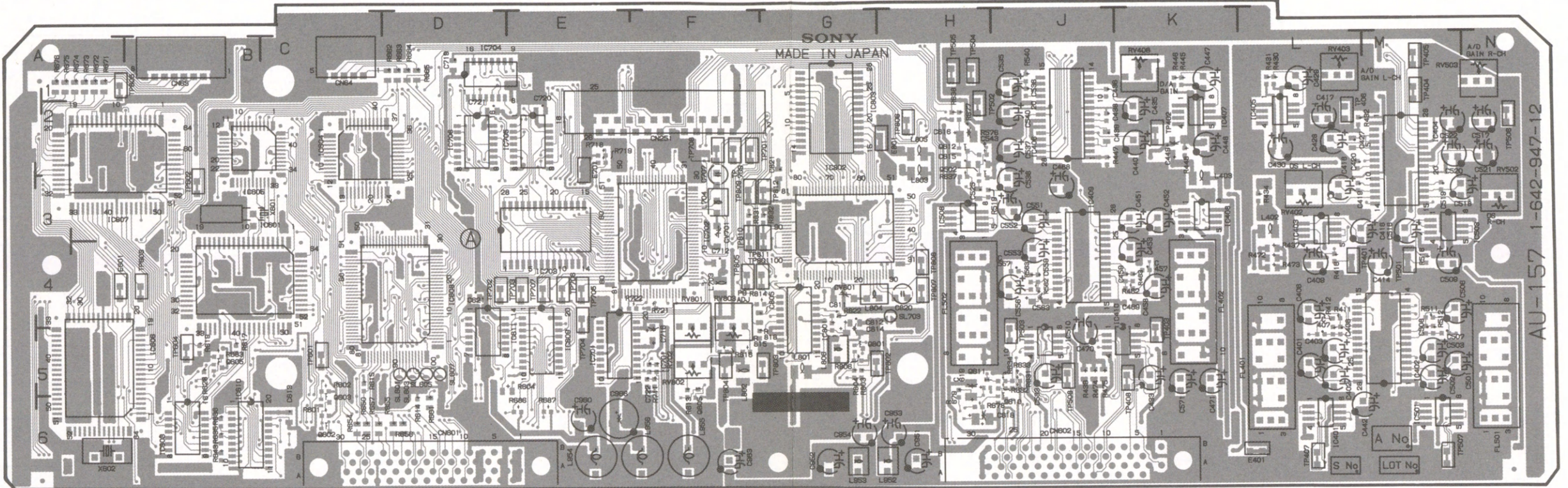
Select Buffer
AU-156 BOARD (3/3)
 BOARD NO. 1-642-943-11, 12
 EVO-9850 (J) : # 10001—
 EVO-9850 (UC) : # 10031—

AU-157 BOARD **A Side**

Serial No.: (J) 10031 and higher
Serial No.: (UC) 10071 and higher

AU-157 (1-642-947-12)

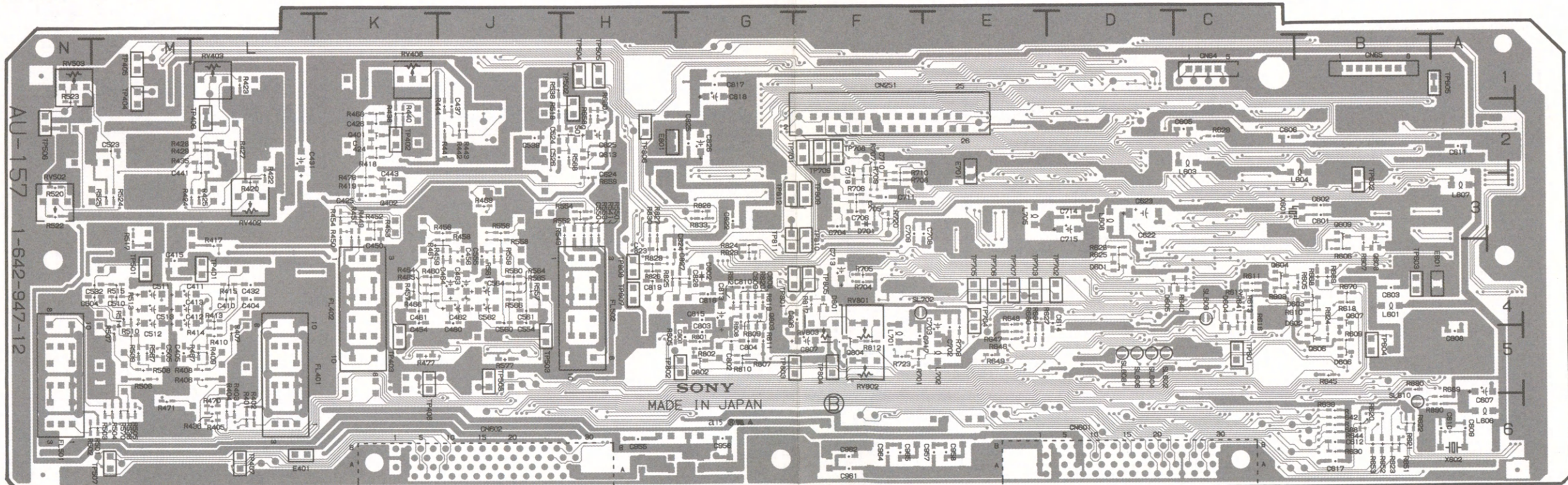
CN64	C-1	Q605	B-5
CN65	B-1	Q606	B-5 *
CN251	F-2	Q607	B-4 *
CN601	D-6	Q608	B-4 *
CN602	J-6	Q609	B-3 *
		Q610	J-6
CV701	F-3	Q611	H-5
CV801	G-4	Q612	H-2
		Q613	H-2 *
D601	D-4 *	Q801	G-5
D602	C-4 *	Q802	G-5 *
D603	C-4 *	Q803	G-4 *
D604	C-4 *		
D605	D-4 *	RV402	L-3
D606	B-5 *	RV403	L-1
D701	F-3 *	RV408	K-1
D801	F-4 *	RV502	N-3
D802	G-4 *	RV503	M-1
		RV803	F-4
E401	L-6		
E601	A-4	TP401	L-4
E701	E-3	TP402	K-2
E801	H-2	TP403	K-5
		TP404	M-1
FL401	L-5	TP405	M-1
FL402	K-4	TP406	L-2
FL501	N-6	TP407	L-6
FL502	H-4	TP408	K-6
		TP501	M-4
IC401	L-6	TP502	H-2
IC402	M-5	TP503	J-5
IC403	L-4	TP504	H-1
IC404	M-2	TP505	H-1
IC405	L-2	TP506	N-2
IC406	J-2	TP507	M-6
IC407	K-2	TP508	J-5
IC408	K-3	TP601	C-5
IC409	J-3	TP602	B-3
IC410	J-5	TP603	B-4
IC501	M-6	TP604	B-5
IC503	N-4	TP605	B-1
IC508	H-3	TP701	G-2
IC510	J-5	TP702	D-4
IC601	B-3	TP703	E-4
IC603	B-6	TP704	E-4
IC604	C-2	TP705	E-4
IC605	B-3	TP706	E-4
IC607	A-3	TP707	E-4
IC608	D-4	TP708	F-2
IC609	E-5	TP709	F-2
IC610	E-6	TP801	F-4
IC611	E-5	TP802	H-5
IC701	E-5	TP803	G-5
IC702	F-3	TP804	F-6
IC703	E-4	TP805	F-4
IC704	D-1	TP806	H-2
IC705	D-2	TP807	H-4
IC706	E-2	TP808	H-4
IC801	G-5	TP809	F-3
IC802	G-2	TP810	F-4
IC803	G-2	TP811	F-4
		TP812	G-3
Q401	K-2 *		
Q402	K-3 *	X601	C-3
Q501	H-2 *		
Q502	H-2		* mark; B SIDE mount.
Q602	C-6		
Q603	C-6		
Q604	C-4 *		



1-642-947-12 A SIDE

A Side is the same as Component Side

AU-157 BOARD **B Side**



1-642-947-12 B SIDE

B Side is the same as Soldering Side

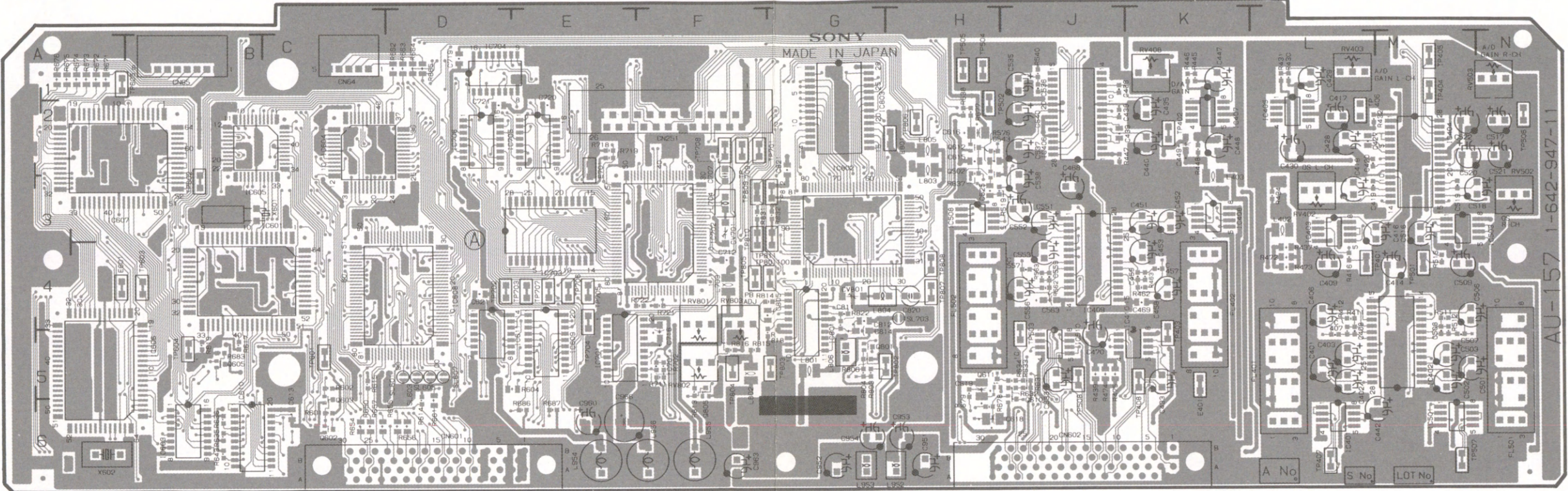
AU-157 BOARD
A Side

Serial No.: (J) 10001—10030
Serial No.: (UC) 10031—10070

AU-157 (1-642-947-11)

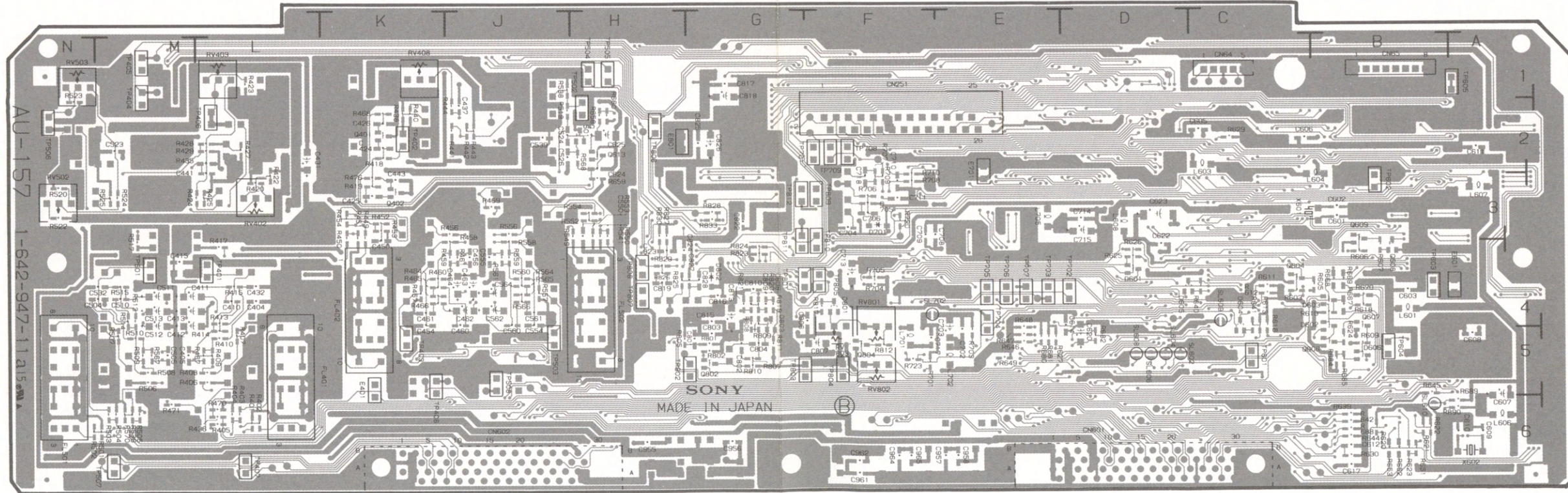
CN64	C-1	Q605	B-5
CN65	B-1	Q606	B-5 *
CN251	F-2	Q607	B-4 *
CN601	D-6	Q608	B-4 *
CN602	J-6	Q609	B-3 *
		Q610	J-6
CV701	F-3	Q611	H-5
CV801	G-4	Q612	H-2
		Q613	H-2 *
D601	D-4 *	Q801	G-5
D602	B-4 *	Q802	G-5 *
D603	B-4 *	Q803	G-4 *
D604	C-4 *		
D605	D-4 *	RV402	L-3
D606	B-5 *	RV403	L-1
D701	F-3 *	RV408	K-1
D801	F-4 *	RV502	N-3
D802	G-4 *	RV503	N-1
		RV803	F-4
E401	K-5		
E601	A-4	TP401	L-4
E701	E-2	TP402	K-2
E801	H-2	TP403	K-5
		TP404	M-1
FL401	L-5	TP405	M-1
FL402	K-4	TP406	L-2
FL501	N-5	TP407	L-6
FL502	H-4	TP408	K-5
		TP501	M-4
IC401	L-6	TP502	H-2
IC402	M-5	TP503	J-5
IC403	L-3	TP504	H-1
IC404	M-2	TP505	H-1
IC405	L-2	TP506	N-2
IC406	J-2	TP507	M-6
IC407	K-2	TP508	J-5
IC408	K-3	TP601	C-5
IC409	J-3	TP602	B-3
IC410	J-5	TP603	B-4
IC501	M-6	TP604	B-5
IC503	M-3	TP605	A-1
IC508	H-3	TP701	F-2
IC510	J-5	TP702	D-4
IC601	B-4	TP703	E-4
IC603	B-6	TP704	E-4
IC604	C-2	TP705	E-4
IC605	B-2	TP706	E-4
IC607	A-2	TP707	E-4
IC608	D-4	TP708	F-2
IC609	E-4	TP709	F-2
IC610	E-6	TP801	G-4
IC611	D-4	TP802	G-5
IC701	E-4	TP803	G-5
IC702	F-3	TP804	F-5
IC703	D-4	TP805	F-4
IC704	D-1	TP806	H-2
IC705	E-2	TP807	H-4
IC706	E-2	TP808	H-4
IC801	G-4	TP809	F-3
IC802	G-3	TP810	F-3
IC803	G-1	TP811	G-3
		TP812	G-3
Q401	K-2 *		
Q402	K-3 *	X601	B-3
Q501	H-2 *	X602	A-6
Q502	H-3		
Q602	C-6		
Q603	C-6		
Q604	C-4 *		

* mark; B SIDE mount.



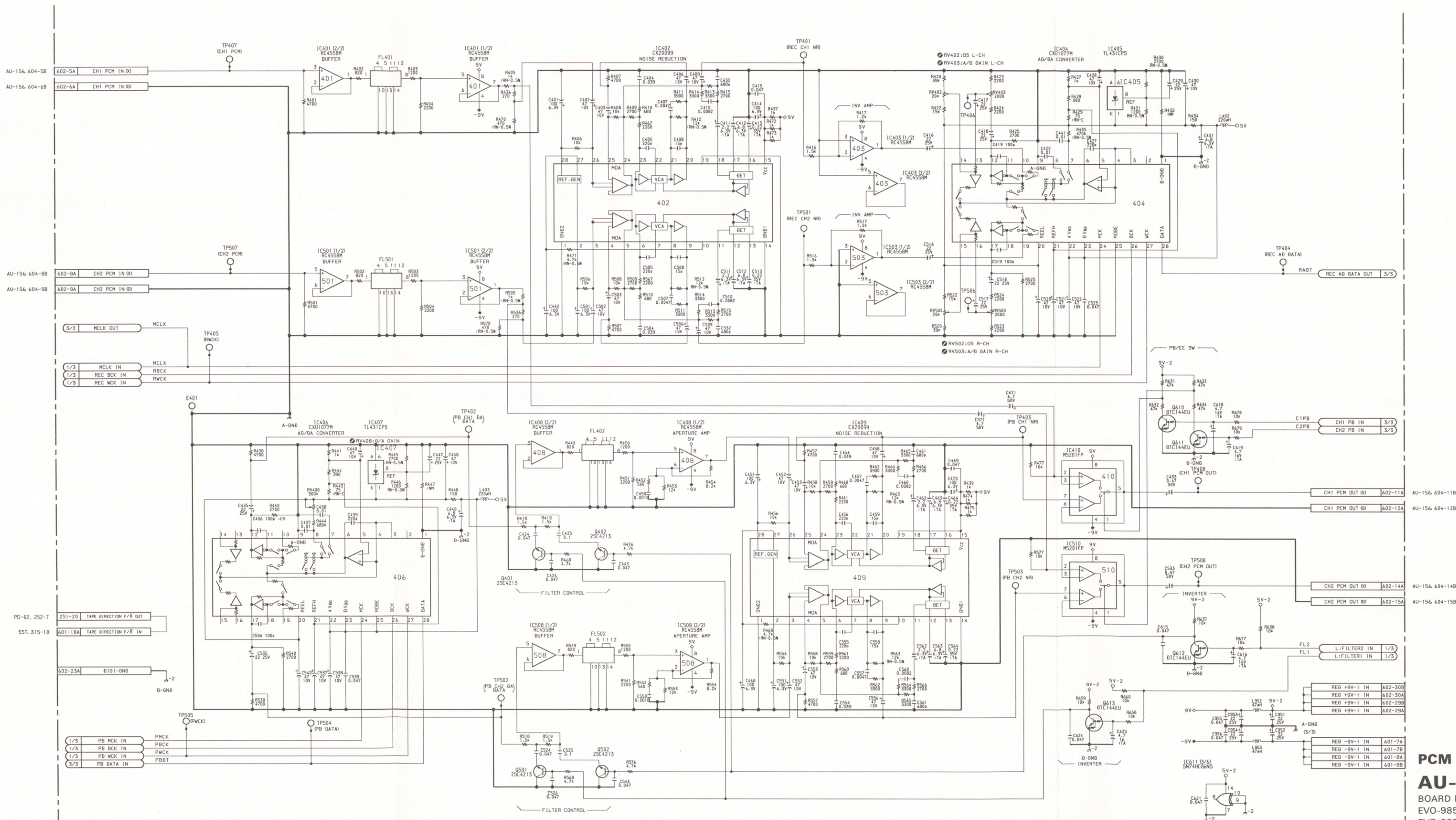
1-642-947-11 A SIDE

A Side is the same as Component Side

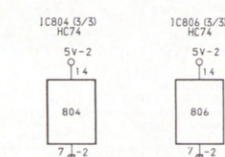
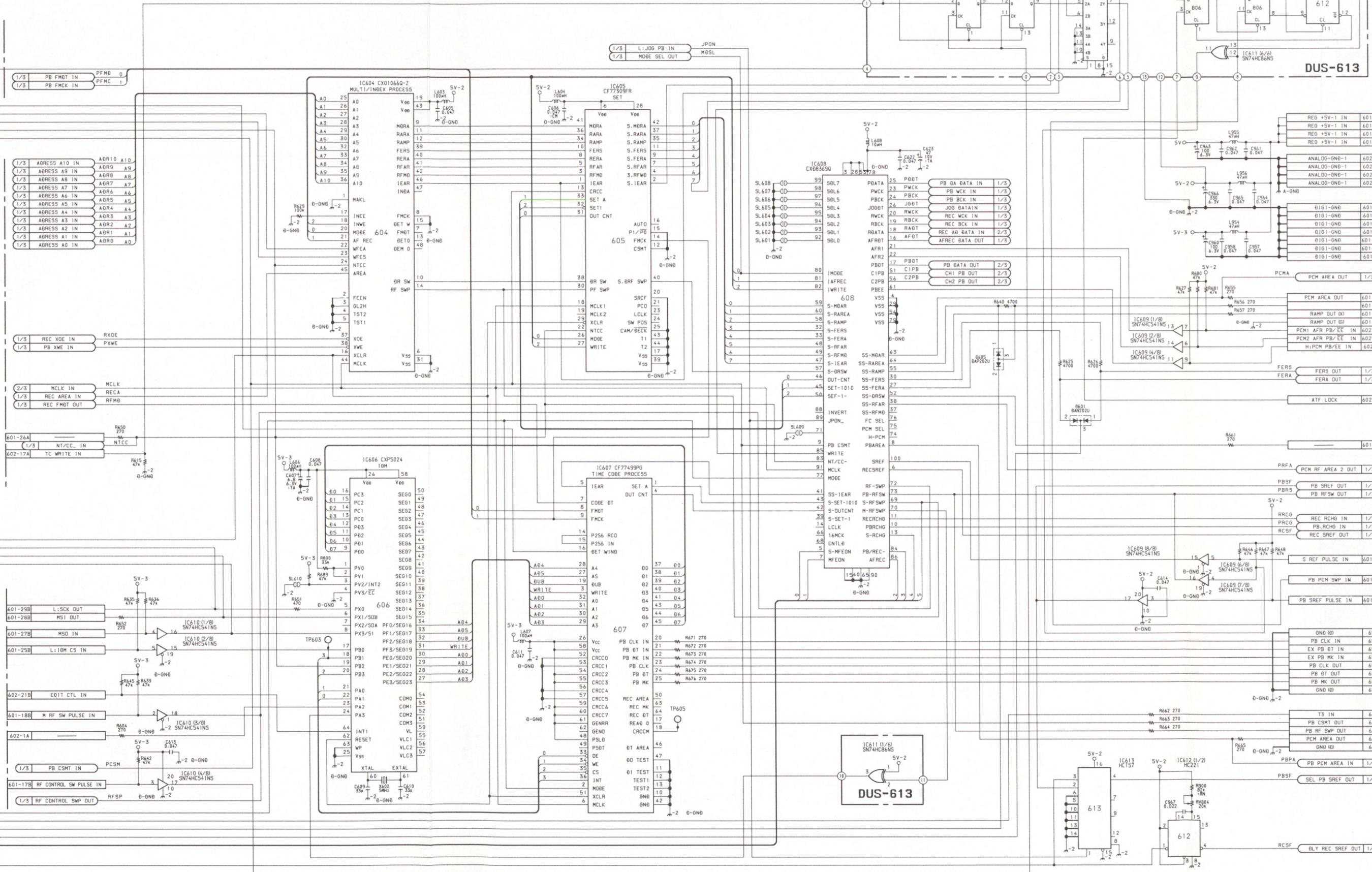


1-642-947-11 B SIDE

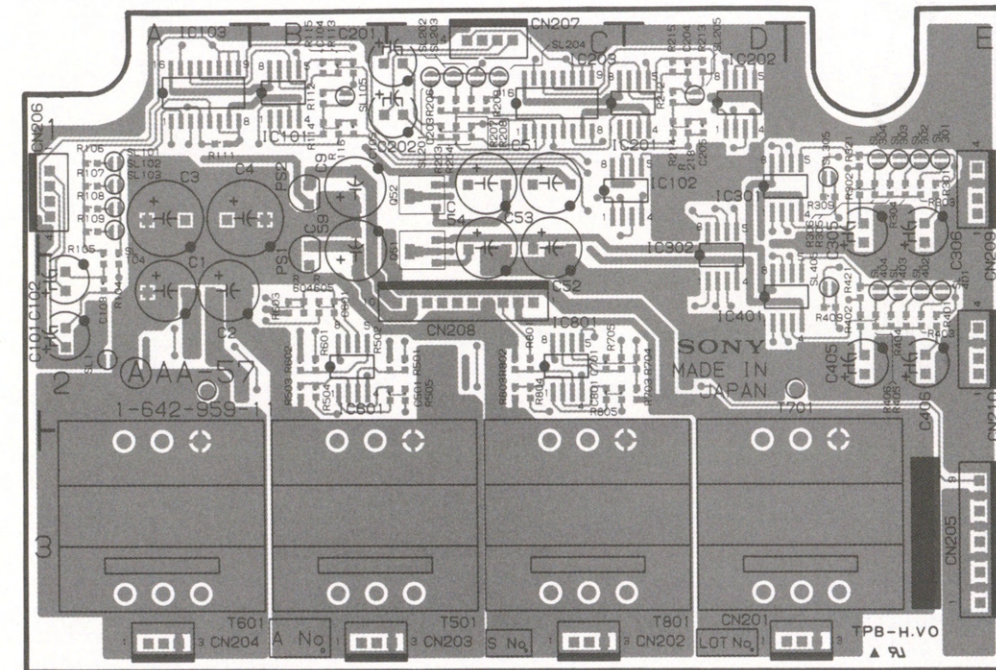
B Side is the same as Soldering Side



PCM Audio D/A, A/D, NR Process
AU-157 BOARD (2/3)
 BOARD NO. 1-642-947-11, 12
 EVO-9850 (J) : # 10001—
 EVO-9850 (UC) : # 10031—

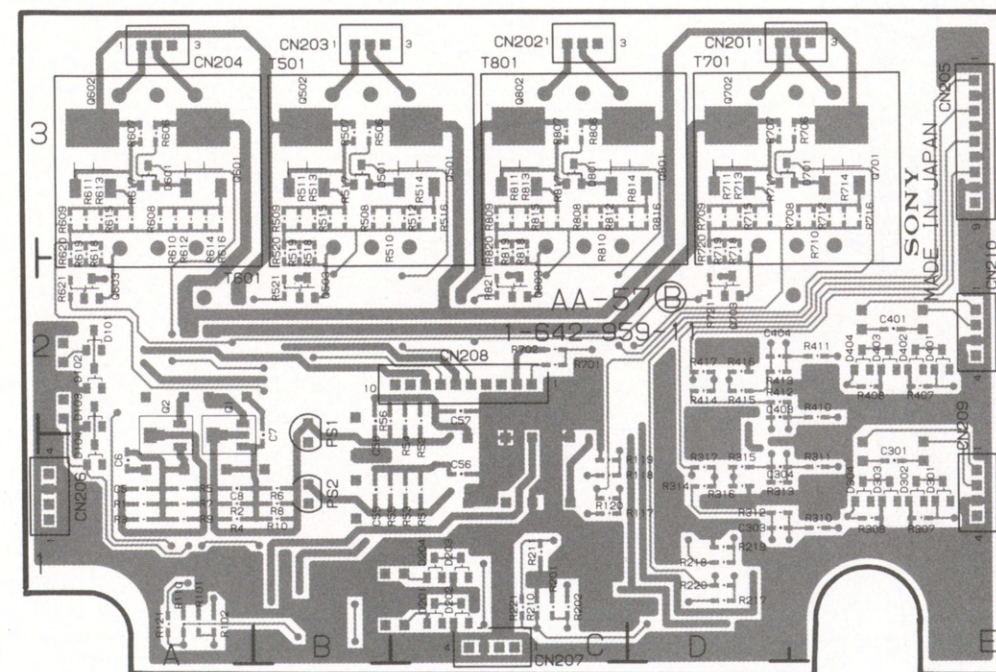


BOARD NO. 1-642-947-11, 12
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

AA-57 BOARD
A Side

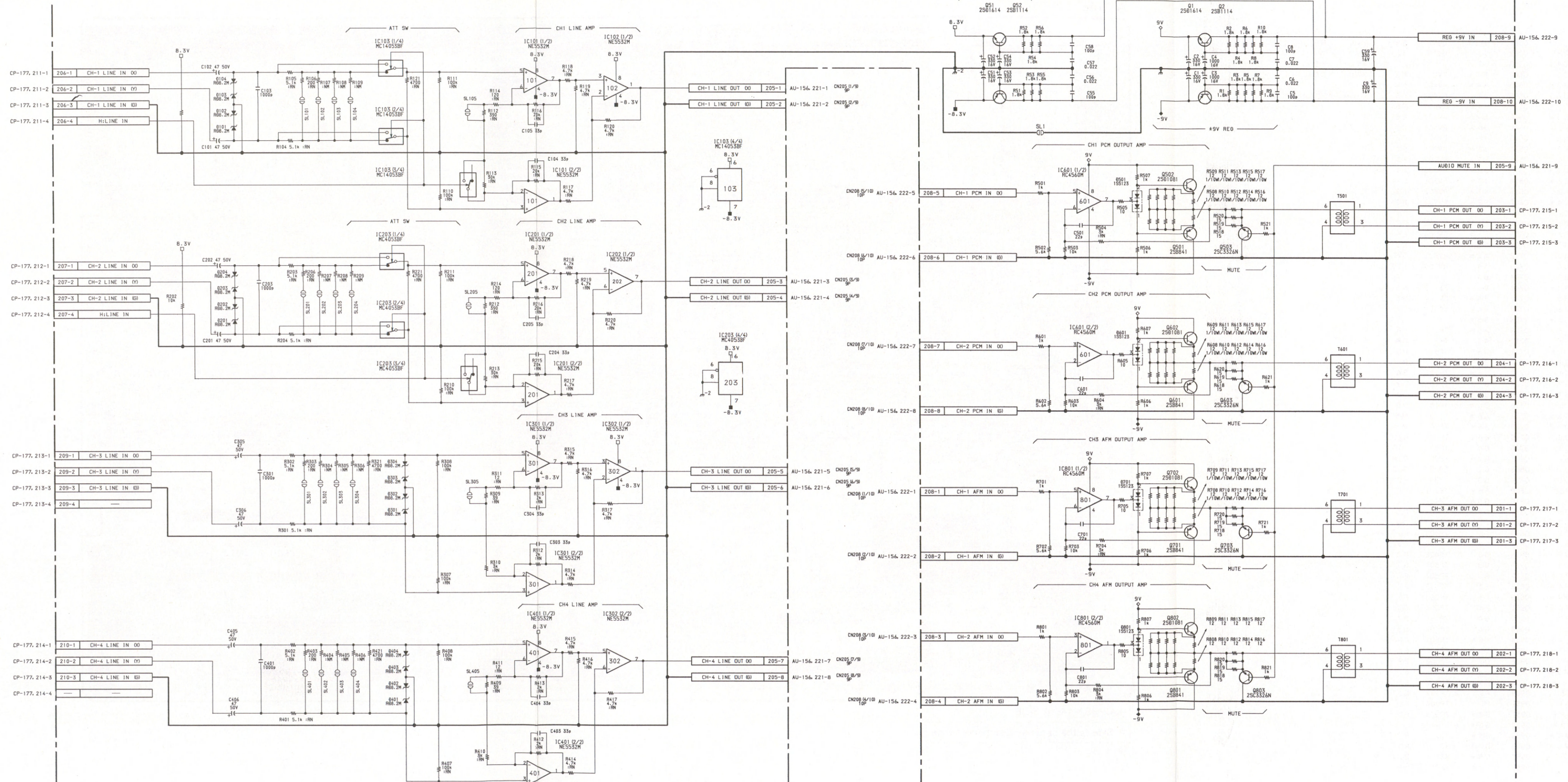
1-642-959-11 A SIDE

A Side is the same as Component Side

AA-57 BOARD
B Side

1-642-959-11 B SIDE

B Side is the same as Soldering Side



Audio Input/Output Amp

AA-57 BOARD

BOARD NO. 1-642-959-11

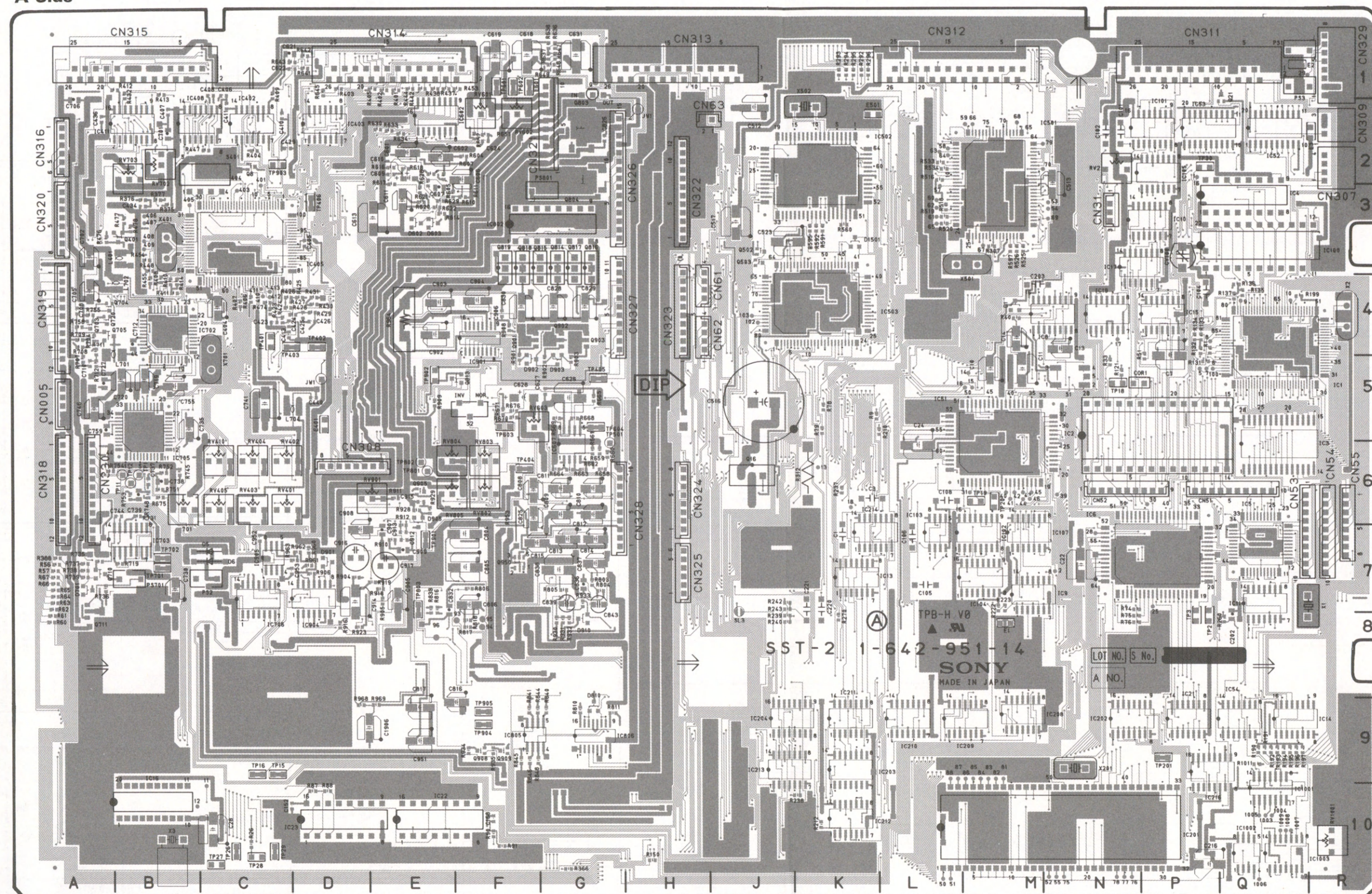
EVO-9850 (J) : # 10001-

EVO-9850 (UC) : # 10031-

SST-2 (1-642-951-14)

CN5	A-5	D810	G-9	IC404	B-1 *	Q501	M-3 *	Q957	E-8 *	X401	B-3
CN31	N-3	D811	G-9 *	IC405	D-3	Q502	J-3	Q958	J-6 *	X501	W-4
CN51	P-6	D901	D-7	IC406	C-4 *	Q503	J-3			X502	K-1
CN52	N-6	D902	F-5	IC408	C-2	Q504	K-4 *	RV2	N-2	X701	C-5 *
CN53	Q-6	D903	G-5	IC409	B-3 *	Q505	K-4 *	RV401	C-6		
CN54	R-6	D904	E-7 *	IC410	D-4 *	Q506	J-4 *	RV402	C-6		
CN55	R-6	D905	E-6	IC411	A-2	Q507	J-4 *	RV403	C-6		
CN61	J-4	D906	G-4 *	IC412	D-3 *	Q508	M-4 *	RV404	C-6		
CN62	J-4	D907	G-4 *	IC413	E-5 *	Q509	J-6 *	RV405	C-6		
CN63	H-2	D908	F-4 *	IC501	N-2	Q510	J-6 *	RV410	C-6		
CN307	R-3	D909	C-7 *	IC502	K-2	Q511	J-2 *	RV601	F-2		
CN308	D-6	D910	G-8	IC503	L-4	Q512	K-3 *	RV602	F-2		
CN309	R-2	D1001	Q-9 *	IC504	M-2 *	Q513	J-3 *	RV603	F-5		
CN311	P-1	D1002	Q-9 *	IC601	E-2 *	Q514	J-3 *	RV701	B-7		
CN312	L-1	D1501	K-3	IC602	F-2	Q515	K-5 *	RV702	B-3		
CN313	H-1			IC603	C-4 *	Q602	F-2 *	RV703	B-2		
CN314	E-1	E1	M-8	IC604	G-1 *	Q603	F-3 *	RV802	F-6		
CN315	B-1	E2	Q-1	IC605	C-1 *	Q604	E-3 *	RV803	F-6		
CN316	A-2	E3	R-2	IC606	F-2 *	Q605	E-3 *	RV804	E-6		
CN318	A-6	E401	D-5	IC607	G-6	Q701	B-2 *	RV805	E-6		
CN319	A-4	E501	K-2	IC701	B-2 *	Q702	A-2 *	RV901	D-6		
CN320	A-3	E601	G-1	IC702	C-4	Q703	A-4	RV1001	R-10		
CN321	G-2			IC703	B-7	Q704	B-4				
CN322	H-3	IC1	R-5	IC704	A-2 *	Q705	B-4	S1	N-5		
CN323	H-4	IC2	N-5	IC705	B-6	Q706	A-4 *	S2	N-5		
CN324	H-6	IC3	R-5	IC706	C-8	Q707	A-4 *	S401	C-2		
CN325	H-7	IC4	Q-3	IC707	D-5 *	Q708	B-5 *				
CN326	H-3	IC5	Q-6	IC801	G-6 *	Q709	A-5 *	TP1	B-6		
CN327	H-4	IC6	N-6	IC802	F-3	Q710	A-7	TP2	P-8		
CN328	H-7	IC8	M-4	IC803	F-7 *	Q711	A-8	TP3	P-8		
CN329	R-1	IC9	N-7	IC804	G-7 *	Q712	B-5 *	TP11	B-6		
CN330	A-6	IC10	P-3	IC805	F-9	Q713	B-6 *	TP12	B-6		
		IC11	Q-7	IC806	G-9	Q714	B-6 *	TP15	C-9		
		IC13	L-7	IC809	G-7 *	Q715	B-6 *	TP16	C-9		
COP1	N-5	IC14	R-9	IC901	F-5	Q716	B-6 *	TP18	N-5		
COR1	N-5	IC15	P-4	IC902	D-8 *	Q717	A-6 *	TP19	M-6		
CV100	P-3	IC16	B-9	IC903	D-7 *	Q718	A-6 *	TP20	M-6		
		IC17	N-3	IC904	D-8	Q719	B-6 *	TP26	C-10		
D1	M-4	IC18	N-5 *	IC905	C-7	Q720	B-4	TP27	C-10		
D2	N-4 *	IC19	N-4	IC906	G-1	Q802	G-2 *	TP28	C-10		
D3	M-4 *	IC21	P-8	IC1001	Q-10	Q803	G-2	TP29	C-10		
D5	C-7	IC22	E-10	IC1002	Q-10	Q804	G-3	TP30	P-2		
D6	C-7	IC23	C-10	IC1003	R-10	Q809	F-8 *	TP201	P-9		
D7	M-6 *	IC51	L-5			Q810	G-9 *	TP401	C-4		
D10	L-6 *	IC52	Q-2	PS1	Q-1	Q811	G-9 *	TP402	D-4		
D11	L-5 *	IC53	P-2	PS2	C-7	Q812	E-5 *	TP403	D-4		
D12	N-2 *	IC54	Q-8	PS3	Q-1	Q813	F-5	TP404	F-6		
D201	J-7 *	IC100	R-3	PS701	B-7	Q814	G-3	TP405	G-5		
D203	N-4 *	IC101	P-2	PS801	G-2	Q815	G-3	TP406	D-3		
D204	N-9 *	IC102	M-7			Q816	G-3	TP501	G-5		
D206	K-7 *	IC103	L-6	Q1	P-4 *	Q817	G-3	TP601	F-1		
D401	C-5 *	IC104	M-7	Q2	N-4 *	Q818	F-3	TP602	F-1		
D402	D-6 *	IC105	P-2	Q3	M-4 *	Q819	F-3	TP603	F-5		
D403	C-6 *	IC107	N-7	Q4	P-4 *	Q901	F-4	TP604	G-5		
D404	C-5 *	IC201	P-10	Q6	P-2 *	Q902	G-4	TP701	B-7		
D405	C-6 *	IC202	P-9	Q8	C-2	Q903	G-4	TP702	B-7		
D406	C-5 *	IC203	L-9	Q15	Q-4 *	Q904	E-6 *	TP801	E-6		
D407	C-6 *	IC204	J-9	Q16	J-6	Q905	E-6	TP802	E-6		
D408	D-6 *	IC208	N-9	Q17	M-6 *	Q906	D-7 *	TP803	E-7		
D502	K-2 *	IC209	M-9	Q18	M-5 *	Q907	D-8 *	TP901	E-7		
D503	J-4 *	IC210	L-9	Q19	L-5 *	Q908	F-9	TP902	E-5		
D504	J-4 *	IC211	K-8	Q20	L-5 *	Q909	F-9	TP903	C-2		
D505	J-4 *	IC212	K-10	Q21	Q-1	Q950	F-7	TP904	F-9		
D512	J-5 *	IC213	J-9	Q201	J-9 *	Q951	G-8 *	TP905	F-9		
D602	E-3	IC214	K-6	Q202	J-9 *	Q952	G-2 *				
D603	E-3	IC216	P-10	Q203	M-6 *	Q953	G-4 *	X1	R-7		
D604	F-3 *	IC401	C-2 *	Q204	M-6 *	Q954	G-4 *	X2	R-4		
D701	A-7	IC402	C-2	Q205	K-10 *	Q955	C-8 *	X3	B-10		
D802	G-3 *	IC403	D-2	Q401	B-3	Q956	E-9 *	X201	N-9		

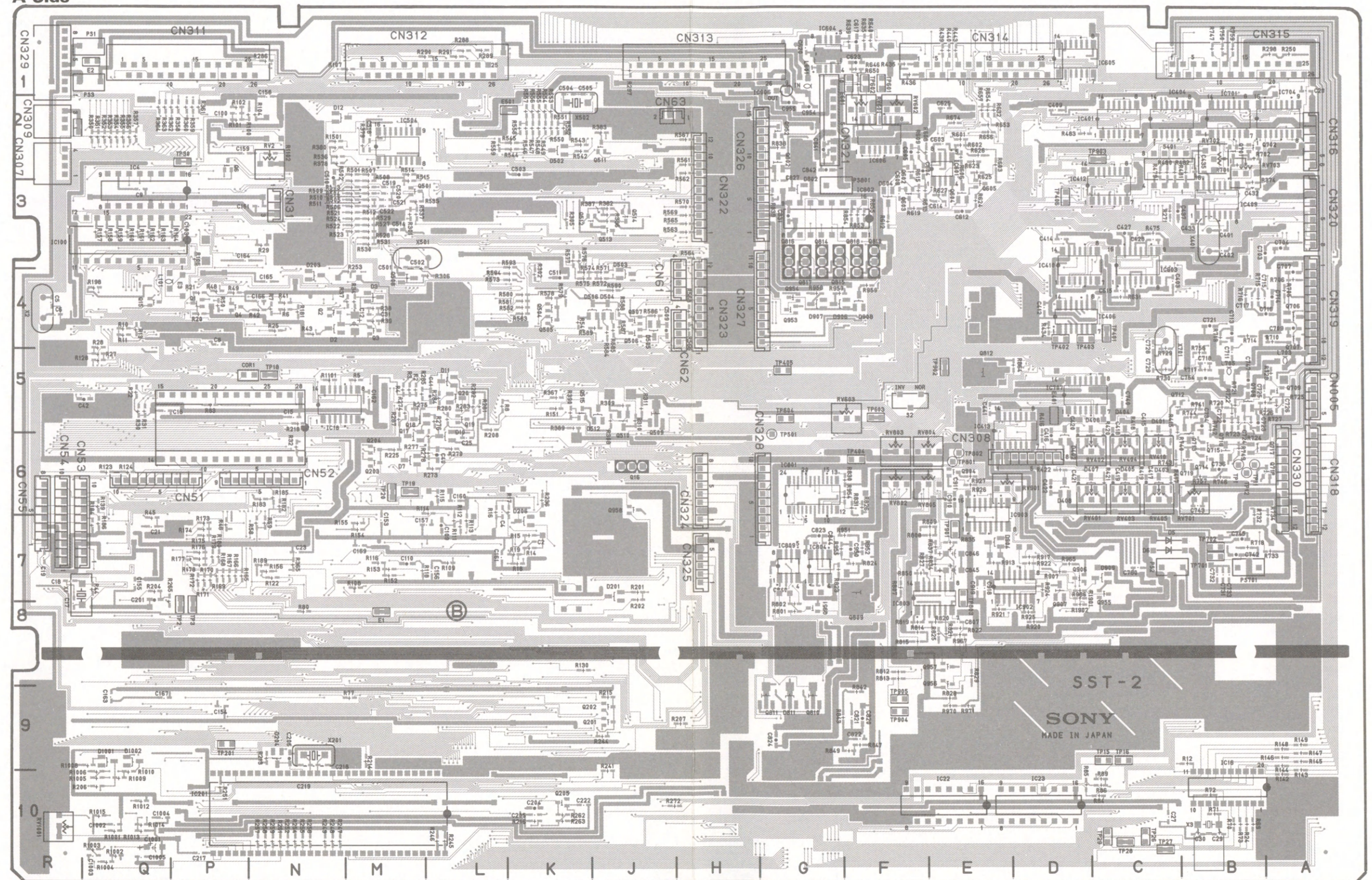
* mark; B SIDE mount.

SST-2 BOARD
A SideSerial No.: (J) 10031 and higher
Serial No.: (UC) 10071 and higher

SST-2 (1-642-951-13)

CN5	A-5	D901	D-7	IC409	B-3 *	Q507	J-4 *	RV405	C-6
CN31	N-3	D902	G-5	IC410	D-4 *	Q508	M-4 *	RV410	C-5
CN51	P-6	D903	G-5	IC411	B-1	Q509	J-5 *	RV601	F-1
CN52	N-6	D904	E-7 *	IC412	C-3 *	Q510	J-5 *	RV602	F-2
CN53	Q-6	D905	E-6	IC501	M-2	Q511	J-2 *	RV603	G-5
CN54	R-6	D906	G-4 *	IC502	K-2	Q512	K-3 *	RV701	B-6
CN55	R-6	D907	G-4 *	IC503	K-3	Q513	J-3 *	RV702	B-2
CN61	J-4	D908	F-4 *	IC504	M-2 *	Q514	J-3 *	RV703	B-2
CN62	J-4	D909	C-7 *	IC601	E-2 *	Q601	E-2 *	RV802	F-6
CN63	J-1	D910	G-7	IC602	F-2	Q602	F-2 *	RV803	F-5
CN307	R-3	D1002	Q-9 *	IC603	C-4 *	Q603	F-3 *	RV804	F-5
CN308	D-5			IC604	G-1	Q604	E-3 *	RV805	F-6
CN309	R-2	E1	M-8	IC605	D-1 *	Q605	E-3 *	RV901	B-6
CN311	P-1	E2	R-1	IC606	F-2 *	Q701	B-2 *	RV1001	R-10
CN312	M-1	E3	P-4	IC607	G-5	Q702	B-2 *		
CN313	H-1	E401	D-5	IC701	B-2 *	Q703	A-4	S1	N-5
CN314	E-1	E501	L-2	IC702	C-4	Q704	B-4	S401	C-2
CN315	B-1	E601	G-1	IC703	B-6	Q705	B-4		
CN316	A-2			IC704	A-2 *	Q706	A-4 *	TP1	C-9
CN318	A-6	IC1	Q-4	IC705	B-6	Q707	A-5 *	TP2	P-8
CN319	A-4	IC2	P-5	IC706	C-7	Q708	B-5 *	TP3	P-8
CN320	A-3	IC3	Q-5	IC707	D-5 *	Q709	A-5 *	TP11	D-9
CN321	G-2	IC4	Q-2	IC801	G-6	Q710	A-7	TP12	D-9
CN322	J-2	IC5	Q-6	IC802	F-3	Q711	A-8	TP15	C-9
CN323	H-4	IC6	P-6	IC803	E-7 *	Q712	C-5 *	TP16	C-9
CN324	H-6	IC8	M-4	IC804	G-7 *	Q713	B-6 *	TP18	N-5
CN325	H-7	IC9	M-8	IC805	F-9	Q714	B-6 *	TP19	M-6
CN326	H-2	IC10	N-3	IC806	G-9	Q715	B-6 *	TP20	M-6
CN327	H-4	IC11	Q-8	IC809	G-7 *	Q716	B-6 *	TP26	C-10
CN328	H-6	IC13	K-7	IC901	F-4	Q717	A-6 *	TP27	C-10
CN329	R-1	IC14	Q-8	IC902	D-8 *	Q718	A-6 *	TP28	C-10
CN330	B-6	IC15	P-4	IC903	E-7 *	Q719	B-6 *	TP29	C-10
		IC16	B-9	IC904	D-7	Q720	B-4	TP30	P-2
COP1	P-5	IC17	P-4	IC905	C-7	Q801	E-8 *	TP201	P-9
COR1	N-5	IC18	M-5 *	IC1001	Q-9	Q802	G-2 *	TP401	D-4
CV100	P-3	IC19	N-4	IC1002	Q-10	Q803	G-2	TP402	D-4
		IC21	P-8	IC1003	Q-10	Q804	G-2	TP403	D-4
		IC22	E-9			Q809	F-7	TP404	F-6
D1	M-4	IC23	D-9	PS1	Q-1	Q810	G-9 *	TP405	G-5
D2	M-4 *	IC51	L-5	PS2	C-7	Q811	G-9 *	TP406	D-3
D3	M-4 *	IC51	L-5	PS2	C-7	Q811	G-9 *	TP406	D-3
D5	C-6	IC52	Q-2	PS3	Q-1	Q812	E-5	TP501	K-3
D6	C-7	IC53	P-2	PS701	B-7	Q813	F-5	TP601	F-1
D10	L-6 *	IC54	Q-8	PS801	G-3	Q814	G-3	TP602	F-1
D11	L-5 *	IC100	Q-4			Q815	G-3	TP603	F-5
D201	J-8 *	IC101	P-2	Q1	P-4 *	Q816	G-3	TP604	G-5
D203	N-4 *	IC102	M-7	Q2	N-4 *	Q817	G-3	TP701	B-7
D204	N-9 *	IC103	L-6	Q3	M-4 *	Q818	F-3	TP702	B-7
D206	K-7 *	IC104	M-7	Q4	P-4 *	Q819	F-3	TP801	F-9
D401	C-5 *	IC105	P-2	Q6	P-2 *	Q901	F-4	TP802	F-8
D402	D-5 *	IC107	M-7	Q8	C-2	Q902	G-4	TP803	E-7
D403	C-6 *	IC201	P-9	Q15	Q-4 *	Q903	G-4	TP901	E-6
D404	C-5 *	IC202	P-8	Q16	J-5	Q904	E-6 *	TP902	E-5
D405	C-6 *	IC203	K-9	Q17	M-6 *	Q905	E-6	TP903	D-2
D406	D-5 *	IC204	K-8	Q18	M-5 *	Q906	D-7 *	TP904	F-9
D407	C-6 *	IC208	M-9	Q19	L-5 *	Q907	D-7 *	TP905	F-8
D408	D-6 *	IC209	M-9	Q20	L-5 *	Q908	F-9		
D409	B-3	IC210	L-9	Q21	Q-1	Q909	F-9	X1	R-7
D502	K-2 *	IC211	K-8	Q201	J-9 *	Q950	F-7	X2	R-4
D503	J-4 *	IC212	K-10	Q202	J-9 *	Q951	G-8 *	X3	B-10
D504	J-4 *	IC213	J-10	Q203	M-6 *	Q952	G-2 *	X201	N-9
D505	J-5 *	IC214	K-6	Q204	M-6 *	Q953	G-4 *	X401	B-3
D506	J-4 *	IC216	P-10	Q205	K-10 *	Q954	G-4 *	X501	M-3
D511	K-4 *	IC401	C-2 *	Q401	B-3	Q955	C-8 *	X502	K-1
D602	E-3	IC402	C-1	Q501	L-3 *			X701	C-5 *
D603	E-3	IC403	D-1	Q502	J-3	RV2	N-3		
D701	A-7	IC404	C-2 *	Q503	J-3	RV401	D-6		
D802	G-3 *	IC405	C-2	Q504	K-4 *	RV402	D-5		
D810	G-8	IC406	D-4 *	Q505	K-4 *	RV403	C-6		
D811	G-9 *	IC408	C-1	Q506	J-4 *	RV404	C-5		

* mark; B SIDE mount.

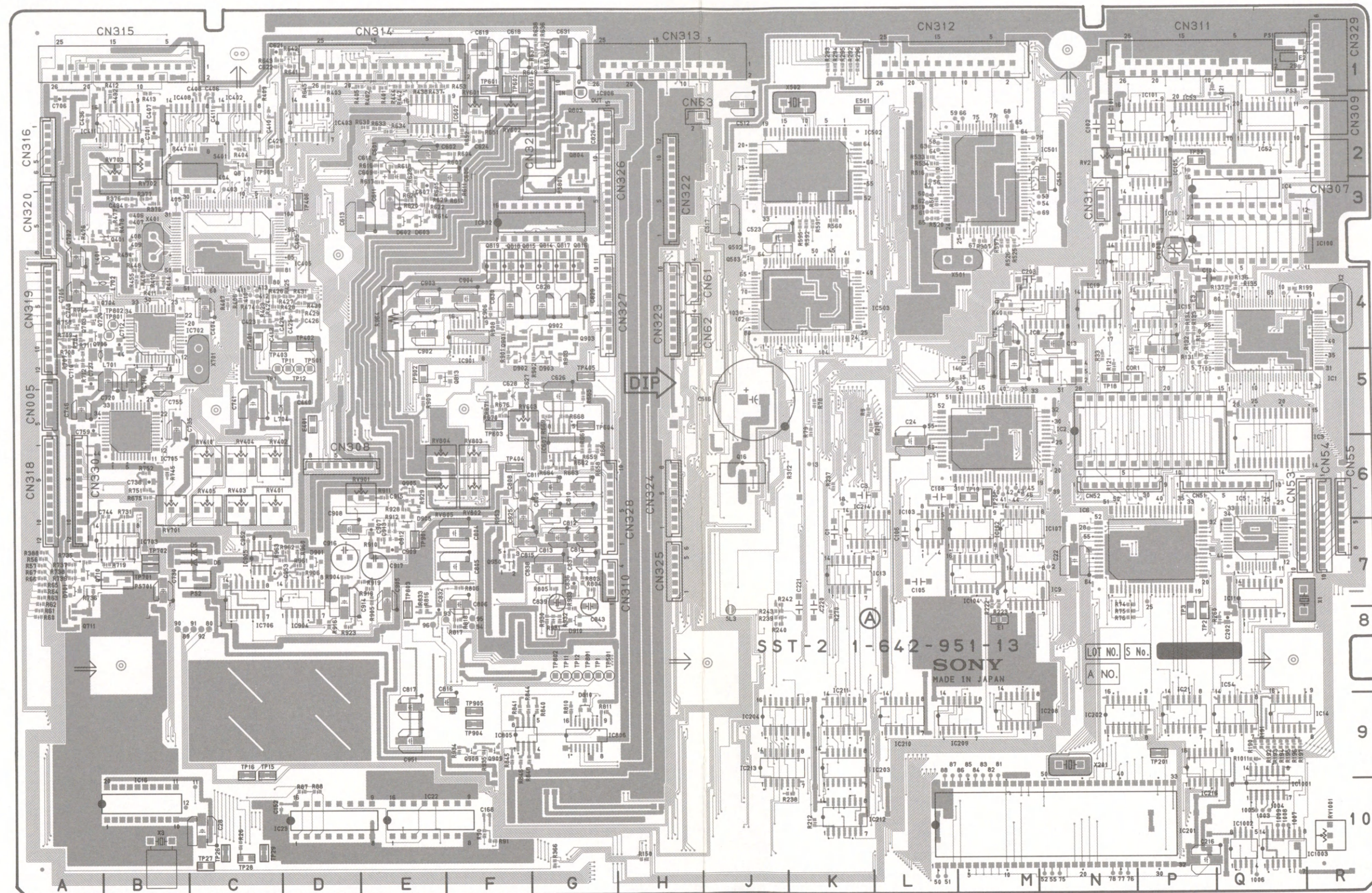
SST-2 BOARD
A SideSerial No. : (J) 10001-10030
Serial No. : (UC) 10031-10070

**SST-2 BOARD
B Side**Serial No. : (J) 10031 and higher
Serial No. : (UC) 10071 and higher

SST-2 (1-642-951-14)

CN5	A-5	D810	G-9	IC404	B-1 *	Q501	M-3 *	Q957	E-8 *	X401	B-3
CN31	N-3	D811	G-9 *	IC405	D-3	Q502	J-3	Q958	J-6 *	X501	W-4
CN51	P-6	D901	D-7	IC406	C-4 *	Q503	J-3			X502	K-1
CN52	N-6	D902	F-5	IC408	C-2	Q504	K-4 *	RV2	N-2	X701	C-5 *
CN53	Q-6	D903	G-5	IC409	B-3 *	Q505	K-4 *	RV401	C-6		
CN54	R-6	D904	E-7 *	IC410	D-4 *	Q506	J-4 *	RV402	C-6		
CN55	R-6	D905	E-6	IC411	A-2	Q507	J-4 *	RV403	C-6		
CN61	J-4	D906	G-4 *	IC412	D-3 *	Q508	M-4 *	RV404	C-6		
CN62	J-4	D907	G-4 *	IC413	E-5 *	Q509	J-6 *	RV405	C-6		
CN63	H-2	D908	F-4 *	IC501	N-2	Q510	J-6 *	RV410	C-6		
CN307	R-3	D909	C-7 *	IC502	K-2	Q511	J-2 *	RV601	F-2		
CN308	D-6	D910	G-8	IC503	L-4	Q512	K-3 *	RV602	F-2		
CN309	R-2	D1001	Q-9 *	IC504	M-2 *	Q513	J-3 *	RV603	F-5		
CN311	P-1	D1002	Q-9 *	IC601	E-2 *	Q514	J-3 *	RV701	B-7		
CN312	L-1	D1501	K-3	IC602	F-2	Q515	K-5 *	RV702	B-3		
CN313	H-1			IC603	C-4 *	Q602	F-2 *	RV703	B-2		
CN314	E-1	E1	M-8	IC604	G-1 *	Q603	F-3 *	RV802	F-6		
CN315	B-1	E2	Q-1	IC605	C-1 *	Q604	E-3 *	RV803	F-6		
CN316	A-2	E3	R-2	IC606	F-2 *	Q605	E-3 *	RV804	E-6		
CN318	A-6	E401	D-5	IC607	G-6	Q701	B-2 *	RV805	E-6		
CN319	A-4	E501	K-2	IC701	B-2 *	Q702	A-2 *	RV901	D-6		
CN320	A-3	E601	G-1	IC702	C-4	Q703	A-4	RV1001	R-10		
CN321	G-2			IC703	B-7	Q704	B-4				
CN322	H-3	IC1	R-5	IC704	A-2 *	Q705	B-4	S1	N-5		
CN323	H-4	IC2	N-5	IC705	B-6	Q706	A-4 *	S2	N-5		
CN324	H-6	IC3	R-5	IC706	C-8	Q707	A-4 *	S401	C-2		
CN325	H-7	IC4	Q-3	IC707	D-5 *	Q708	B-5 *				
CN326	H-3	IC5	Q-6	IC801	G-6 *	Q709	A-5 *	TP1	B-6		
CN327	H-4	IC6	N-6	IC802	F-3	Q710	A-7	TP2	P-8		
CN328	H-7	IC8	M-4	IC803	F-7 *	Q711	A-8	TP3	P-8		
CN329	R-1	IC9	N-7	IC804	G-7 *	Q712	B-5 *	TP11	B-6		
CN330	A-6	IC10	P-3	IC805	F-9	Q713	B-6 *	TP12	B-6		
		IC11	Q-7	IC806	G-9	Q714	B-6 *	TP15	C-9		
COP1	N-5	IC13	L-7	IC809	G-7 *	Q715	B-6 *	TP16	C-9		
COR1	N-5	IC14	R-9	IC901	F-5	Q716	B-6 *	TP18	N-5		
CV100	P-3	IC15	P-4	IC902	D-8 *	Q717	A-6 *	TP19	M-6		
		IC16	B-9	IC903	D-7 *	Q718	A-6 *	TP20	M-6		
D1	M-4	IC17	N-3	IC904	D-8	Q719	B-6 *	TP26	C-10		
D2	N-4 *	IC18	N-5 *	IC905	C-7	Q720	B-4	TP27	C-10		
D3	M-4 *	IC19	N-4	IC906	G-1	Q802	G-2 *	TP28	C-10		
D5	C-7	IC21	P-8	IC1001	Q-10	Q803	G-2	TP29	C-10		
D6	C-7	IC22	E-10	IC1002	Q-10	Q804	G-3	TP30	P-2		
D7	M-6 *	IC23	C-10	IC1003	R-10	Q809	F-8 *	TP201	P-9		
D10	L-6 *	IC51	L-5			Q810	G-9 *	TP401	C-4		
D11	L-5 *	IC52	Q-2	PS1	Q-1	Q811	G-9 *	TP402	D-4		
D12	N-2 *	IC53	P-2	PS2	C-7	Q812	E-5 *	TP403	D-4		
D201	J-7 *	IC54	Q-8	PS3	Q-1	Q813	F-5	TP404	F-6		
D203	N-4 *	IC100	R-3	PS701	B-7	Q814	G-3	TP405	G-5		
D204	N-9 *	IC101	P-2	PS801	G-2	Q815	G-3	TP406	D-3		
D206	K-7 *	IC102	M-7			Q816	G-3	TP501	G-5		
D401	C-5 *	IC103	L-6	Q1	P-4 *	Q817	G-3	TP601	F-1		
D402	D-6 *	IC104	M-7	Q2	N-4 *	Q818	F-3	TP602	F-1		
D403	C-6 *	IC105	P-2	Q3	M-4 *	Q819	F-3	TP603	F-5		
D404	C-5 *	IC107	N-7	Q4	P-4 *	Q901	F-4	TP604	G-5		
D405	C-6 *	IC201	P-10	Q6	P-2 *	Q902	G-4	TP701	B-7		
D406	C-5 *	IC202	P-9	Q8	C-2	Q903	G-4	TP702	B-7		
D407	C-6 *	IC203	L-9	Q15	Q-4 *	Q904	E-6 *	TP801	E-6		
D408	D-6 *	IC204	J-9	Q16	J-6	Q905	E-6	TP802	E-6		
D502	K-2 *	IC208	N-9	Q17	M-6 *	Q906	D-7 *	TP803	E-7		
D503	J-4 *	IC209	M-9	Q18	M-5 *	Q907	D-8 *	TP901	E-7		
D504	J-4 *	IC210	L-9	Q19	L-5 *	Q908	F-9	TP902	E-5		
D505	J-4 *	IC211	K-8	Q20	L-5 *	Q909	F-9	TP903	C-2		
D506	J-4 *	IC212	K-10	Q21	Q-1	Q950	F-7	TP904	F-9		
D512	J-5 *	IC213	J-9	Q201	J-9 *	Q951	G-8 *	TP905	F-9		
D602	E-3	IC214	K-6	Q202	J-9 *	Q952	G-2 *				
D603	E-3	IC216	P-10	Q203	M-6 *	Q953	G-4 *	X1	R-7		
D604	F-3 *	IC401	C-2 *	Q204	M-6 *	Q954	G-4 *	X2	R-4		
D701	A-7	IC402	C-2	Q205	K-10 *	Q955	C-8 *	X3	B-10		
D802	G-3 *	IC403	D-2	Q401	B-3	Q956	E-9 *	X201	N-9		

* mark; B SIDE mount.



1-642-951-14 B SIDE

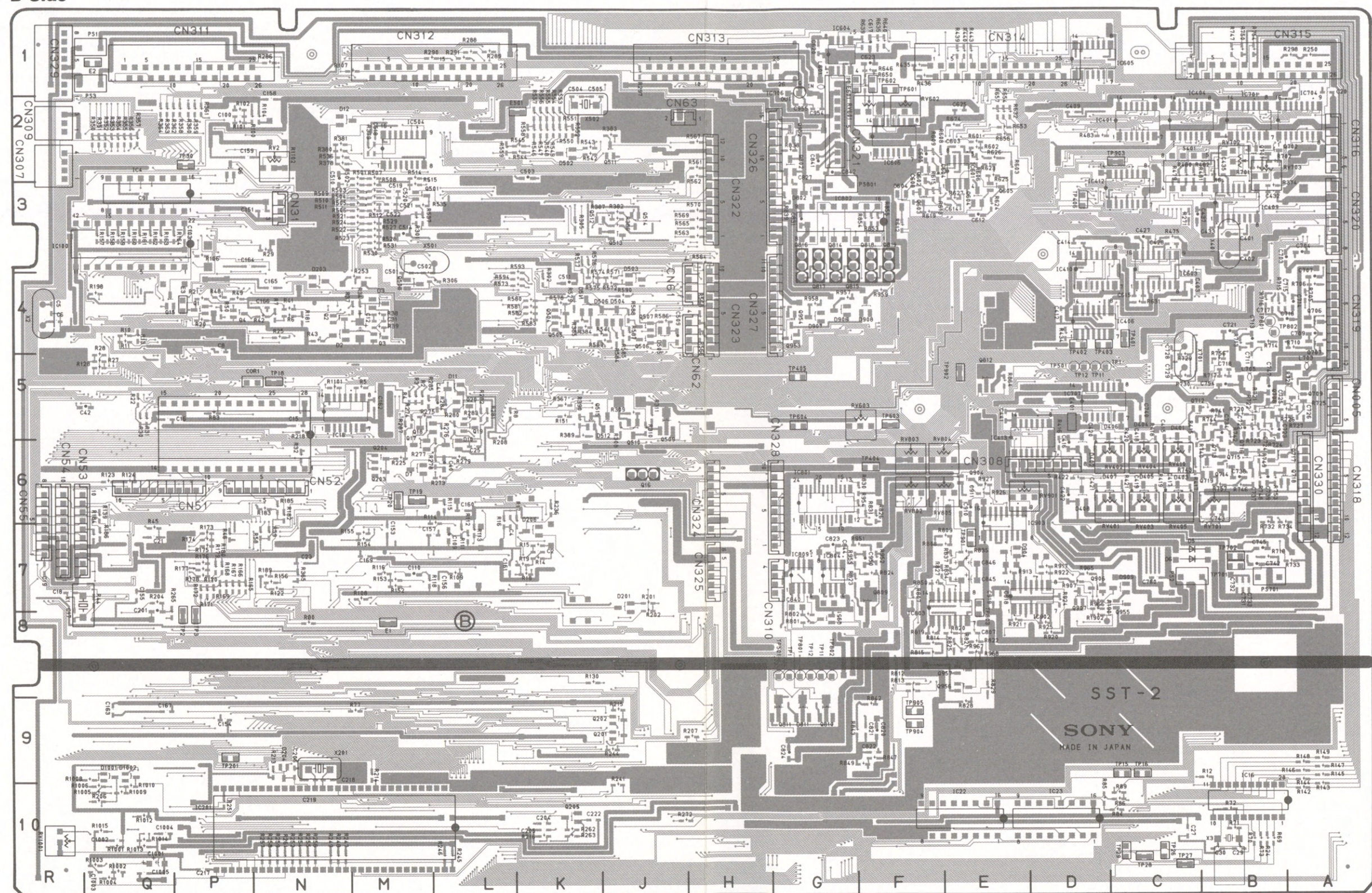
B Side is the same as Soldering Side

SST-2 BOARD
B SideSerial No.: (J) 10001—10030
Serial No.: (UC) 10031—10070

SST-2 (1-642-951-13)

CN5	A-5	D901	D-7	IC409	B-3 *	Q507	J-4 *	RV405	C-6
CN31	N-3	D902	G-5	IC410	D-4 *	Q508	M-4 *	RV410	C-5
CN51	P-6	D903	G-5	IC411	B-1	Q509	J-5 *	RV601	F-1
CN52	N-6	D904	E-7 *	IC412	C-3 *	Q510	J-5 *	RV602	F-2
CN53	Q-6	D905	E-6	IC501	M-2	Q511	J-2 *	RV603	G-5
CN54	R-6	D906	G-4 *	IC502	K-2	Q512	K-3 *	RV701	B-6
CN55	R-6	D907	G-4 *	IC503	K-3	Q513	J-3 *	RV702	B-2
CN61	J-4	D908	F-4 *	IC504	M-2 *	Q514	J-3 *	RV703	B-2
CN62	J-4	D909	C-7 *	IC601	E-2 *	Q601	E-2 *	RV802	F-6
CN63	J-1	D910	G-7	IC602	F-2	Q602	F-2 *	RV803	F-5
CN307	R-3	D1002	Q-9 *	IC603	C-4 *	Q603	F-3 *	RV804	F-5
CN308	D-5			IC604	G-1	Q604	E-3 *	RV805	F-6
CN309	R-2	E1	M-8	IC605	D-1 *	Q605	E-3 *	RV901	B-6
CN311	P-1	E2	R-1	IC606	F-2 *	Q701	B-2 *	RV1001	R-10
CN312	M-1	E3	P-4	IC607	G-5	Q702	B-2 *		
CN313	H-1	E401	D-5	IC701	B-2 *	Q703	A-4	S1	N-5
CN314	E-1	E501	L-2	IC702	C-4	Q704	B-4	S401	C-2
CN315	B-1	E601	G-1	IC703	B-6	Q705	B-4		
CN316	A-2			IC704	A-2 *	Q706	A-4 *	TP1	C-9
CN318	A-6	IC1	Q-4	IC705	B-6	Q707	A-5 *	TP2	P-8
CN319	A-4	IC2	P-5	IC706	C-7	Q708	B-5 *	TP3	P-8
CN320	A-3	IC3	Q-5	IC707	D-5 *	Q709	A-5 *	TP11	D-9
CN321	G-2	IC4	Q-2	IC801	G-6	Q710	A-7	TP12	D-9
CN322	J-2	IC5	Q-6	IC802	F-3	Q711	A-8	TP15	C-9
CN323	H-4	IC6	P-6	IC803	E-7 *	Q712	C-5 *	TP16	C-9
CN324	H-6	IC8	M-4	IC804	G-7 *	Q713	B-6 *	TP18	N-5
CN325	H-7	IC9	M-8	IC805	F-9	Q714	B-6 *	TP19	M-6
CN326	H-2	IC10	N-3	IC806	G-9	Q715	B-6 *	TP20	M-6
CN327	H-4	IC11	Q-8	IC809	G-7 *	Q716	B-6 *	TP26	C-10
CN328	H-6	IC13	K-7	IC901	F-4	Q717	A-6 *	TP27	C-10
CN329	R-1	IC14	Q-8	IC902	D-8 *	Q718	A-6 *	TP28	C-10
CN330	B-6	IC15	P-4	IC903	E-7 *	Q719	B-6 *	TP29	C-10
		IC16	B-9	IC904	D-7	Q720	B-4	TP30	P-2
COP1	P-5	IC17	P-4	IC905	C-7	Q801	E-8 *	TP201	P-9
COR1	N-5	IC18	M-5 *	IC1001	Q-9	Q802	G-2 *	TP401	D-4
CV100	P-3	IC19	N-4	IC1002	Q-10	Q803	G-2	TP402	D-4
		IC21	P-8	IC1003	Q-10	Q804	G-2	TP403	D-4
D1	M-4	IC22	E-9			Q809	F-7	TP404	F-6
D2	N-4 *	IC23	D-9	PS1	Q-1	Q810	G-9 *	TP405	G-5
D3	M-4 *	IC51	L-5	PS2	C-7	Q811	G-9 *	TP406	D-3
D5	C-6	IC52	Q-2	PS3	Q-1	Q812	E-5	TP501	K-3
D6	C-7	IC53	P-2	PS701	B-7	Q813	F-5	TP601	F-1
D10	L-6 *	IC54	Q-8	PS801	G-3	Q814	G-3	TP602	F-1
D11	L-5 *	IC100	Q-4			Q815	G-3	TP603	F-5
D201	J-8 *	IC101	P-2	Q1	P-4 *	Q816	G-3	TP604	G-5
D203	N-4 *	IC102	M-7	Q2	N-4 *	Q817	G-3	TP701	B-7
D204	N-9 *	IC103	L-6	Q3	M-4 *	Q818	F-3	TP702	B-7
D206	K-7 *	IC104	M-7	Q4	P-4 *	Q819	F-3	TP801	F-9
D401	C-5 *	IC105	P-2	Q6	P-2 *	Q901	F-4	TP802	F-8
D402	D-5 *	IC107	M-7	Q8	C-2	Q902	G-4	TP803	E-7
D403	C-6 *	IC201	P-9	Q15	Q-4 *	Q903	G-4	TP901	E-6
D404	C-5 *	IC202	P-8	Q16	J-5	Q904	E-6 *	TP902	E-5
D405	C-6 *	IC203	K-9	Q17	M-6 *	Q905	E-6	TP903	D-2
D406	D-5 *	IC204	K-8	Q18	M-5 *	Q906	D-7 *	TP904	F-9
D407	C-6 *	IC208	M-9	Q19	L-5 *	Q907	D-7 *	TP905	F-8
D408	D-6 *	IC209	M-9	Q20	L-5 *	Q908	F-9		
D409	B-3	IC210	L-9	Q21	Q-1	Q909	F-9	X1	R-7
D502	K-2 *	IC211	K-8	Q201	J-9 *	Q950	F-7	X2	R-4
D503	J-4 *	IC212	K-10	Q202	J-9 *	Q951	G-8 *	X3	B-10
D504	J-4 *	IC213	J-10	Q203	M-6 *	Q952	G-2 *	X201	N-9
D505	J-5 *	IC214	K-6	Q204	M-6 *	Q953	G-4 *	X401	B-3
D506	J-4 *	IC216	P-10	Q205	K-10 *	Q954	G-4 *	X501	M-3
D511	K-4 *	IC401	C-2 *	Q401	B-3	Q955	C-8 *	X502	K-1
D602	E-3	IC402	C-1	Q501	L-3 *			X701	C-5 *
D603	E-3	IC403	D-1	Q502	J-3	RV2	N-3		
D701	A-7	IC404	C-2 *	Q503	J-3	RV401	D-6		
D802	G-3 *	IC405	C-2	Q504	K-4 *	RV402	D-5		
D810	G-8	IC406	D-4 *	Q505	K-4 *	RV403	C-6		
D811	G-9 *	IC408	C-1	Q506	J-4 *	RV404	C-5		

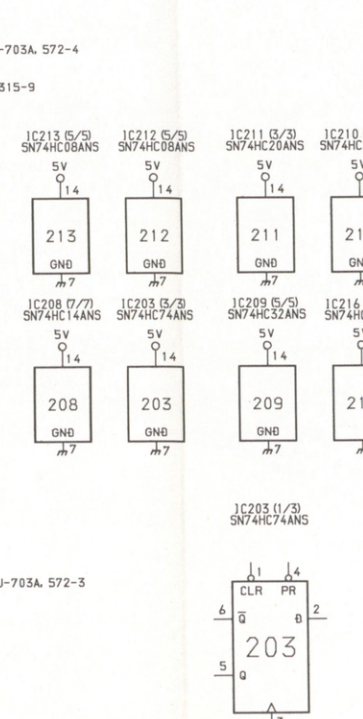
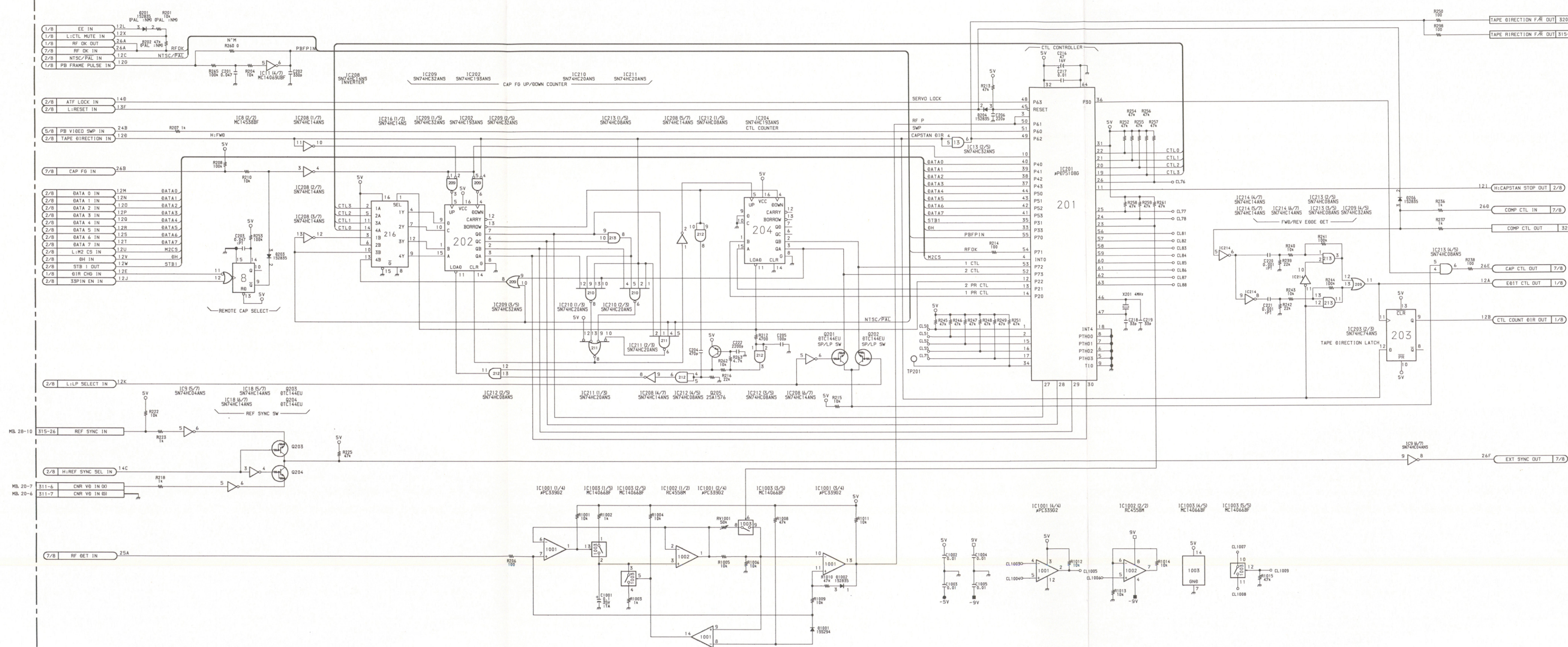
* mark; B SIDE mount.



EVO-9850 (UC) : # 10031—

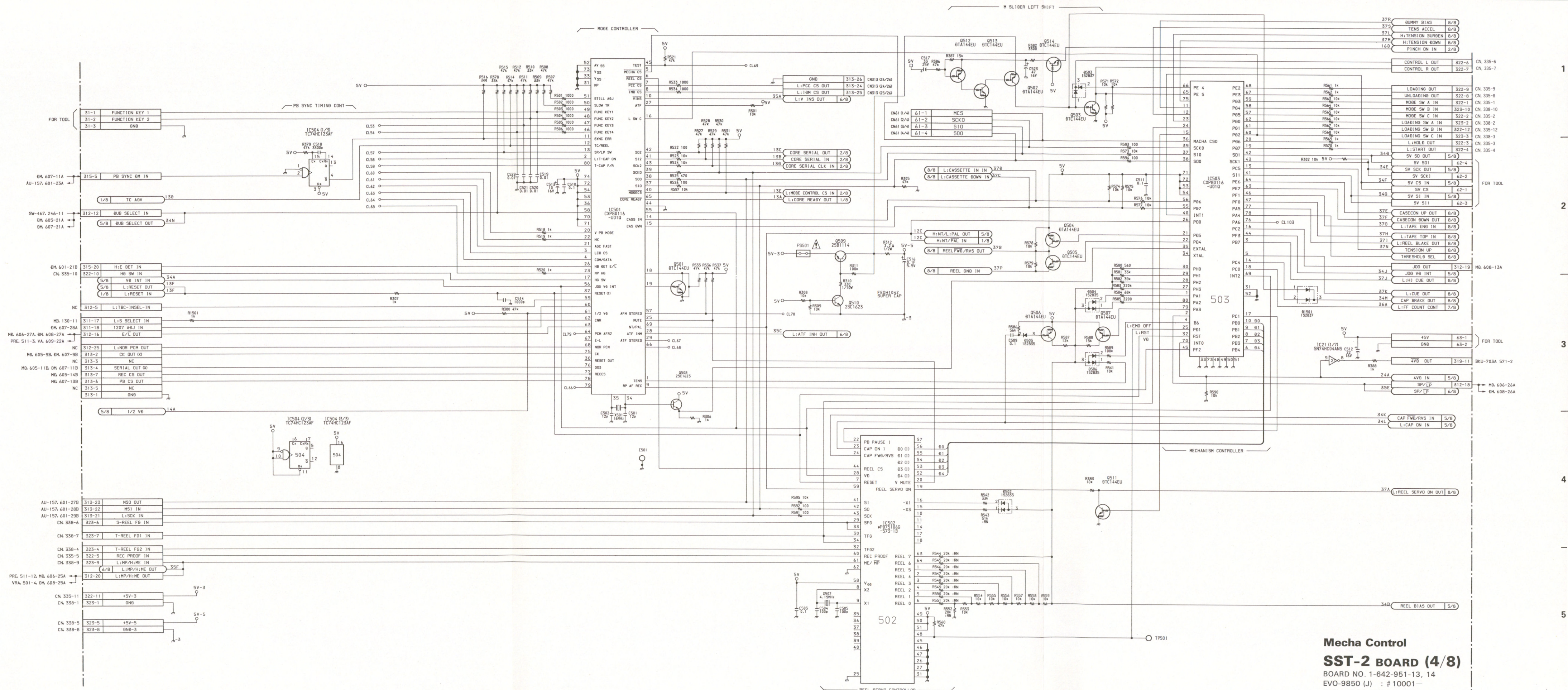


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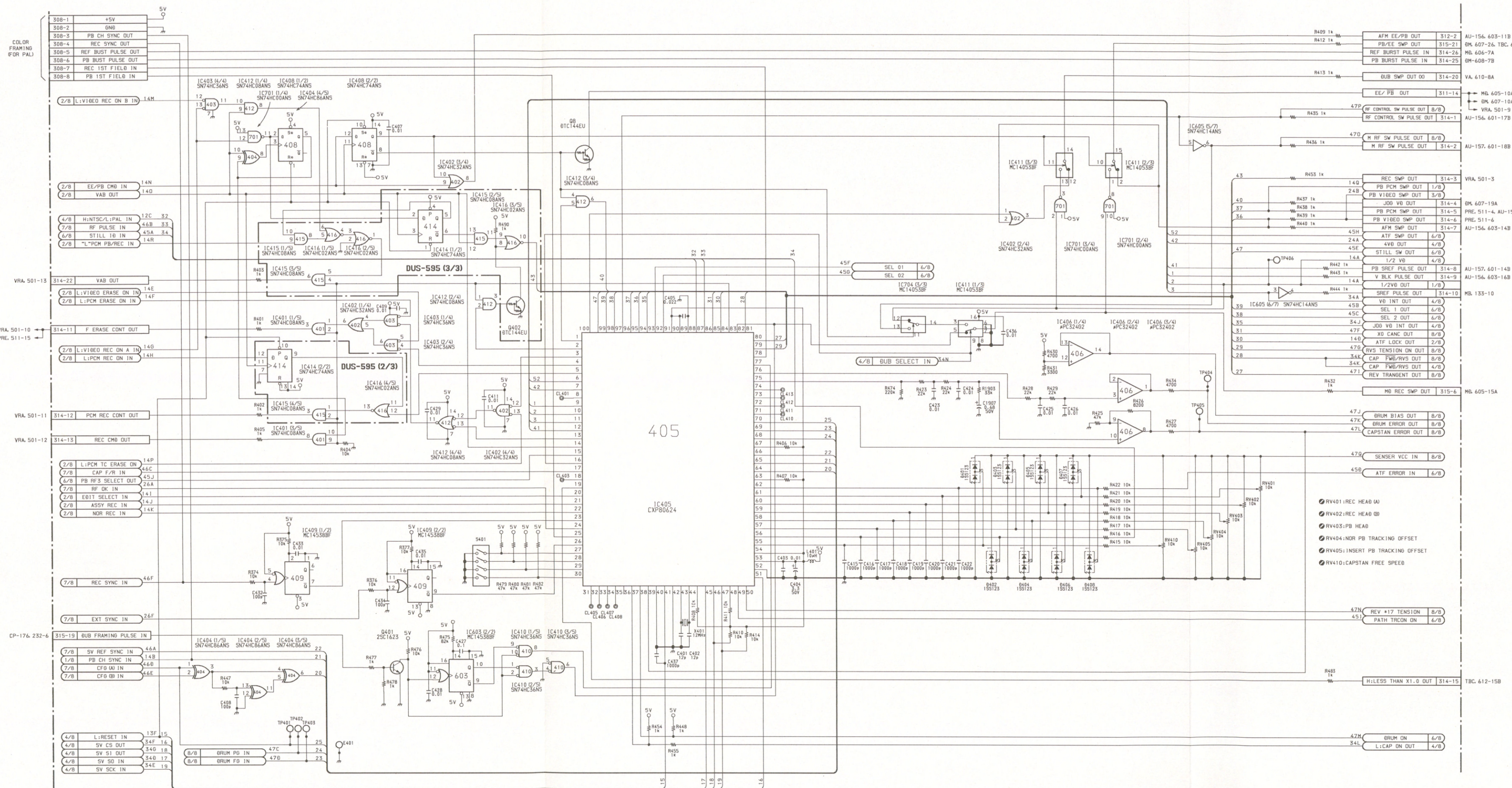


NOTE:NM IS NOT MOUNTED

CTL Count Compensator
SST-2 BOARD (3/8)
BOARD NO. 1-642-951-13, 14
EVO-9850 (J) : # 10001-
EVO-9850 (UC) : # 10031-



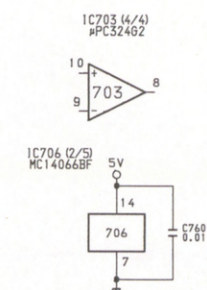
Mecha Control
SST-2 BOARD (4/8)
BOARD NO. 1-642-951-13, 14
EVO-9850 (J) : #10001-
EVO-9850 (UC) : #10031-



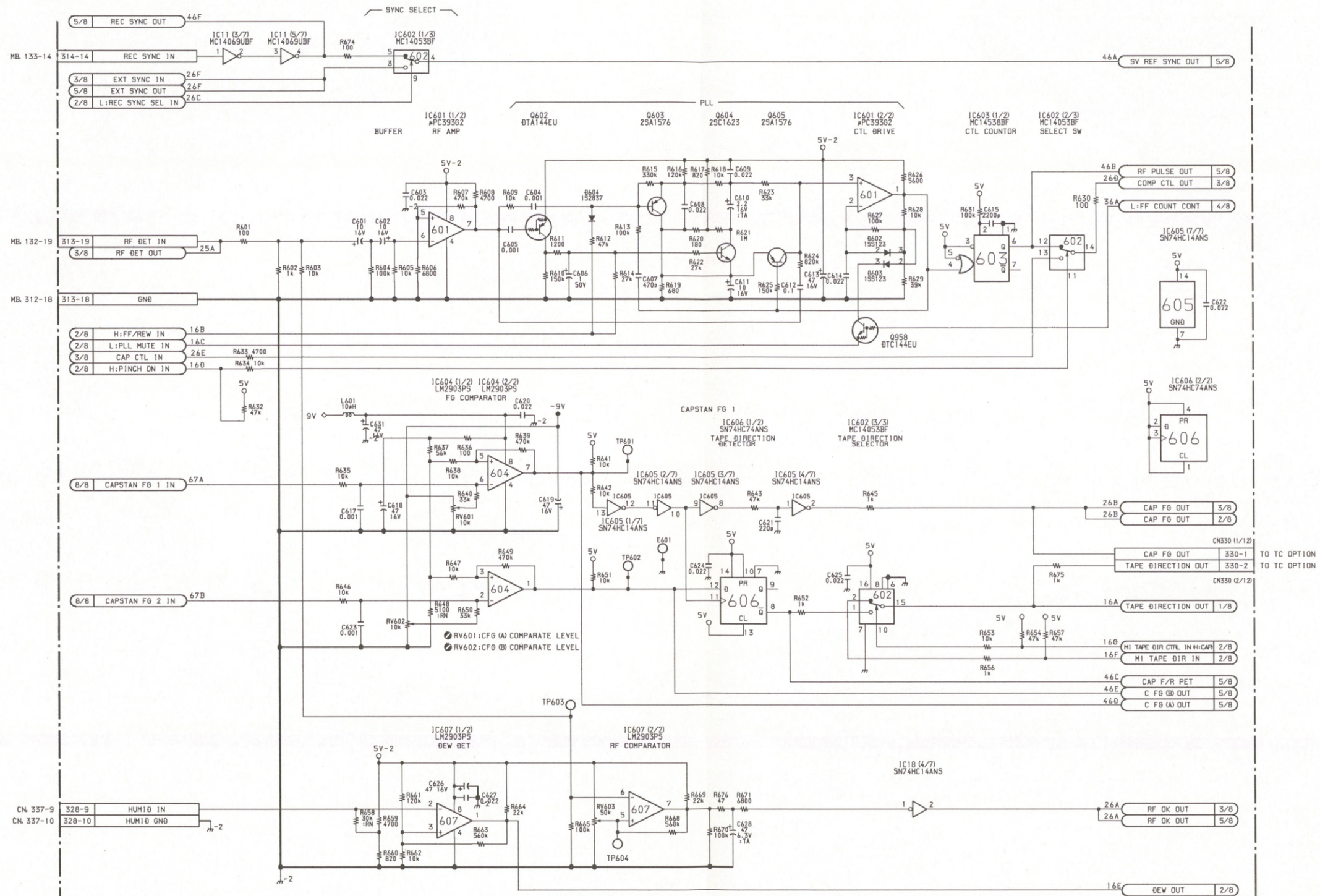
Servo Control

SST-2 BOARD (5/8)

BOARD NO. 1-642-951-13, 14
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

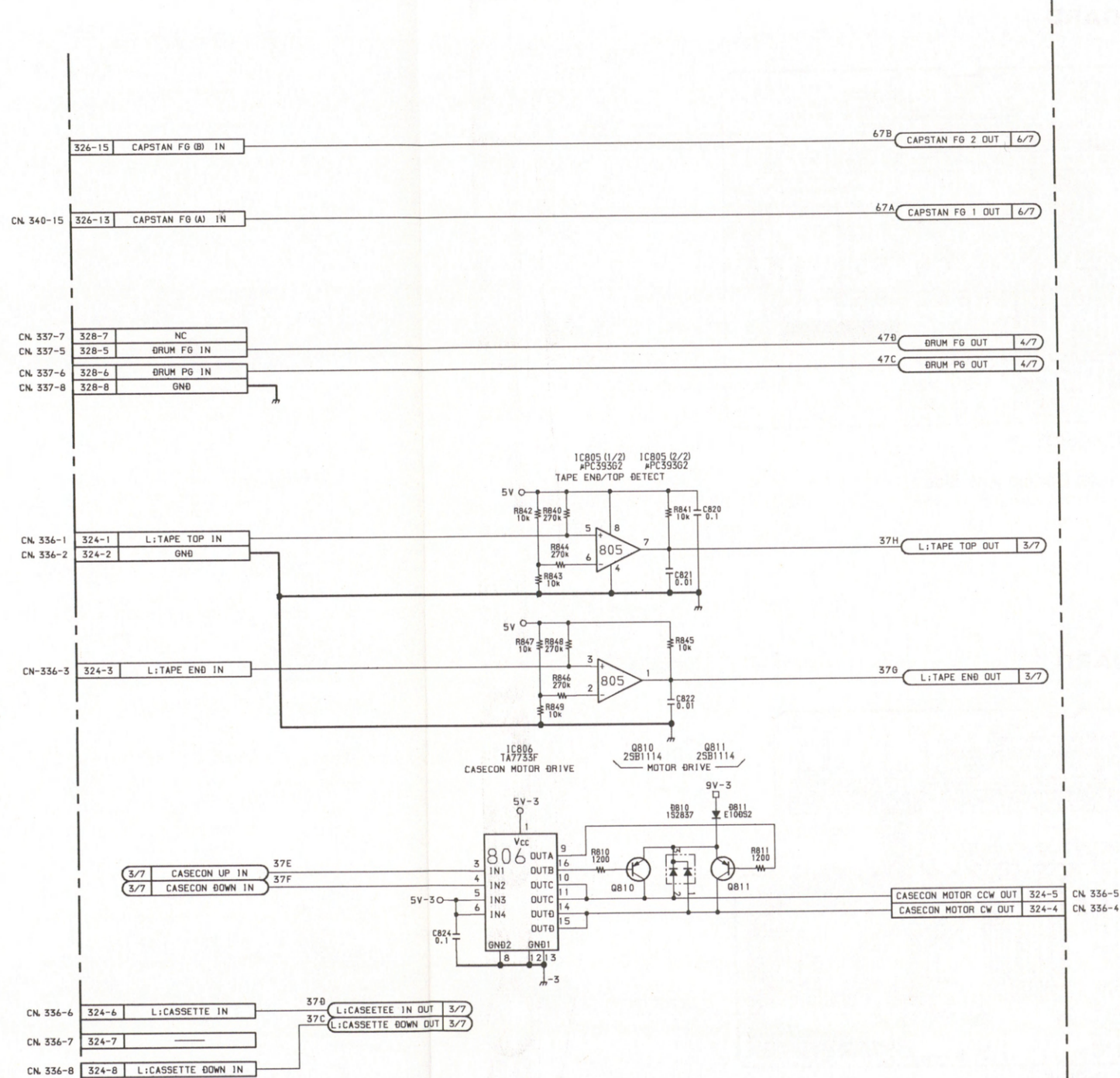


EVO-9850 (UC) : # 10031—



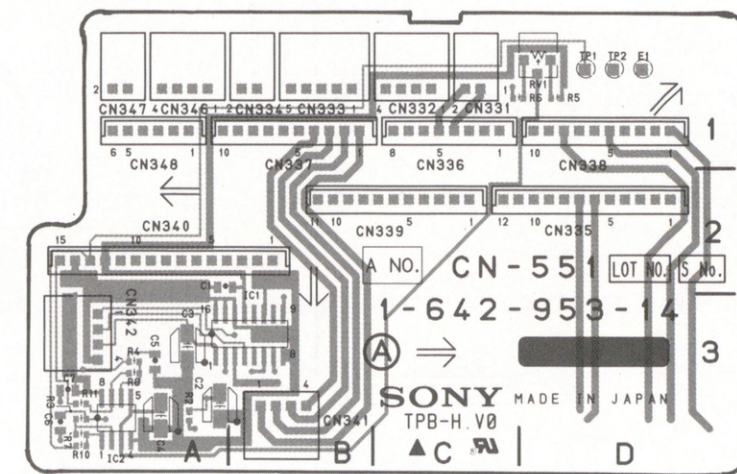
Capstan FG Amp, REF Envelope Detector SST-2 BOARD (7/8)

BOARD NO. 1-642-951-13, 14
EVO-9850 (J) : # 10001-
EVO-9850 (UC) : # 10031-



Motor Drive
SST-2 BOARD (8/8)
 BOARD NO. 1-642-951-13, 14
 EVO-9850 (J) : # 10001—
 EVO-9850 (UC) : # 10031—

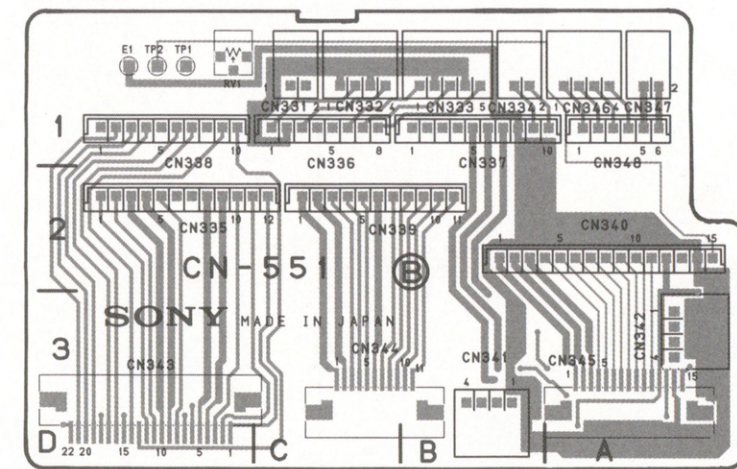
A Side



1-642-953-13, 14 A SIDE

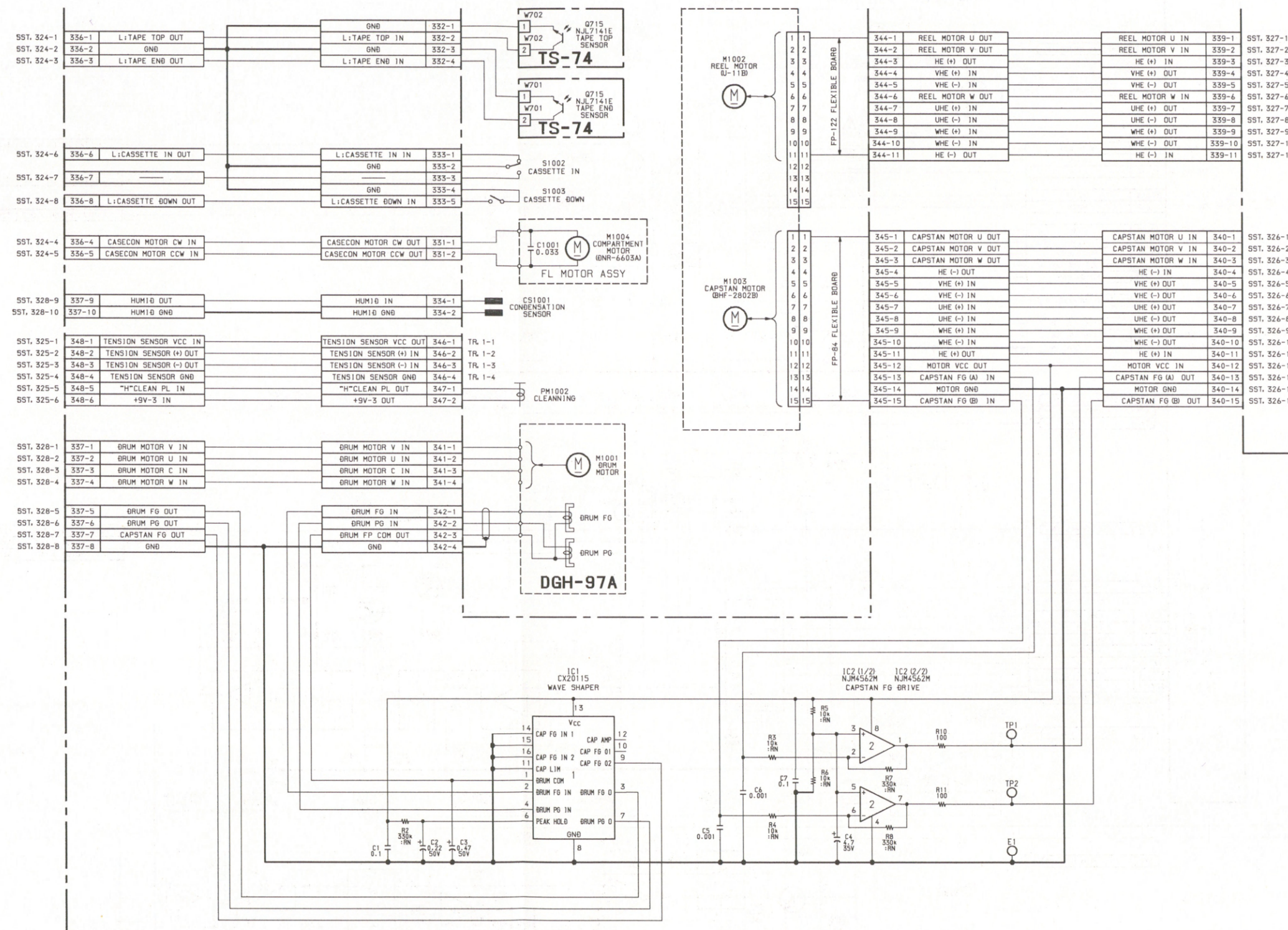
A Side is the same as Component Side

B Side



1-642-953-13, 14 B SIDE

B Side is the same as Soldering Side



RS-31, 30S-22	54-1	LOADING SW B IN	LOADING SW B OUT	33S-12	SST, 32Z-12
RS-31, 30S-21	54-2	REG +5V @B OUT	REG +5V @B IN	33S-11	SST, 32Z-11
RS-31, 30S-20	54-3	HS SW IN	HS SW OUT	33S-10	SST, 32Z-10
RS-31, 30S-19	54-4	LOADING SW A IN	LOADING SW A OUT	33S-9	SST, 32Z-9
RS-31, 30S-18	54-5	UNLOADING SW IN	UNLOADING SW OUT	33S-8	SST, 32Z-8
RS-31, 30S-17	54-6	CONTROL R OUT	CONTROL R IN	33S-7	SST, 32Z-7
RS-31, 30S-16	54-7	CONTROL L OUT	CONTROL L IN	33S-6	SST, 32Z-6
RS-31, 30S-15	54-8	REC PROOF IN	REC PROOF OUT	33S-5	SST, 32Z-5
RS-31, 30S-14	54-9	L1 START OUT	L1 START IN	33S-4	SST, 32Z-4
RS-31, 30S-13	54-10	L1 HOLD OUT	L1 HOLD IN	33S-3	SST, 32Z-3
RS-31, 30S-12	54-11	MODE SW C IN	MODE SW C OUT	33S-2	SST, 32Z-2
RS-31, 30S-11	54-12	MODE SW A IN	MODE SW A OUT	33S-1	SST, 32Z-1
RS-31, 30S-10	54-13	MODE SW B IN	MODE SW B OUT	33S-10	SST, 32Z-10
RS-31, 30S-9	54-14	H1E1A1MP OUT	H1E1A1MP OUT	33S-9	SST, 32Z-9
RS-31, 30S-8	54-15	DRIVE SW A OUT	DRIVE SW A OUT	33S-8	SST, 32Z-8
RS-31, 30S-7	54-16	T-REEL F01 IN	T-REEL F01 OUT	33S-7	SST, 32Z-7
RS-31, 30S-6	54-17	S-REEL F01 IN	S-REEL F01 OUT	33S-6	SST, 32Z-6
RS-31, 30S-5	54-18	DRIVE +5V OUT	DRIVE +5V IN	33S-5	SST, 32Z-5
RS-31, 30S-4	54-19	T-REEL F02 IN	T-REEL F02 OUT	33S-4	SST, 32Z-4
RS-31, 30S-3	54-20	LOADING SW A IN	LOADING SW A OUT	33S-3	SST, 32Z-3
RS-31, 30S-2	54-21	LOADING SW C IN	LOADING SW C OUT	33S-2	SST, 32Z-2
RS-31, 30S-1	54-22	GND @B	GND @B	33S-1	SST, 32Z-1

Servo Interface

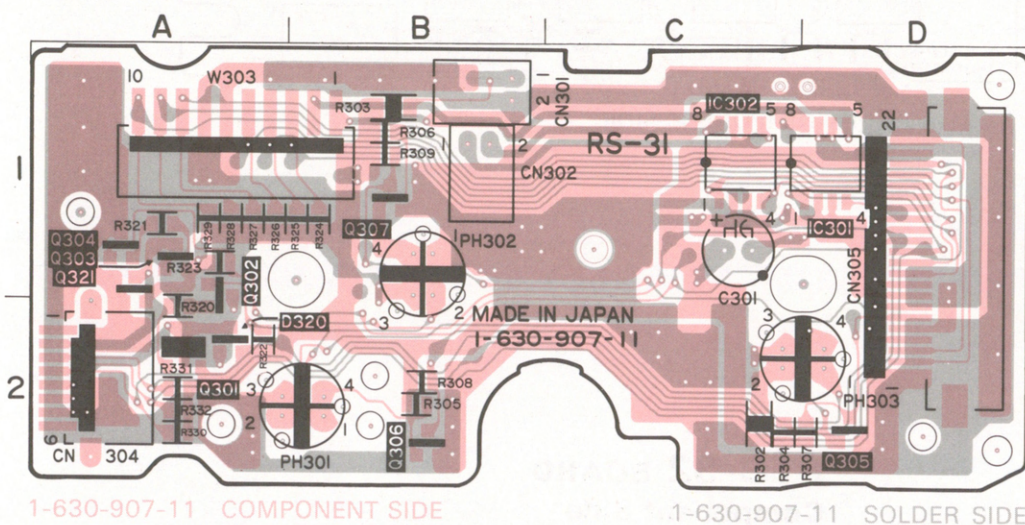
CN-551 BOARD

BOARD NO. 1-642-953-11 (1)

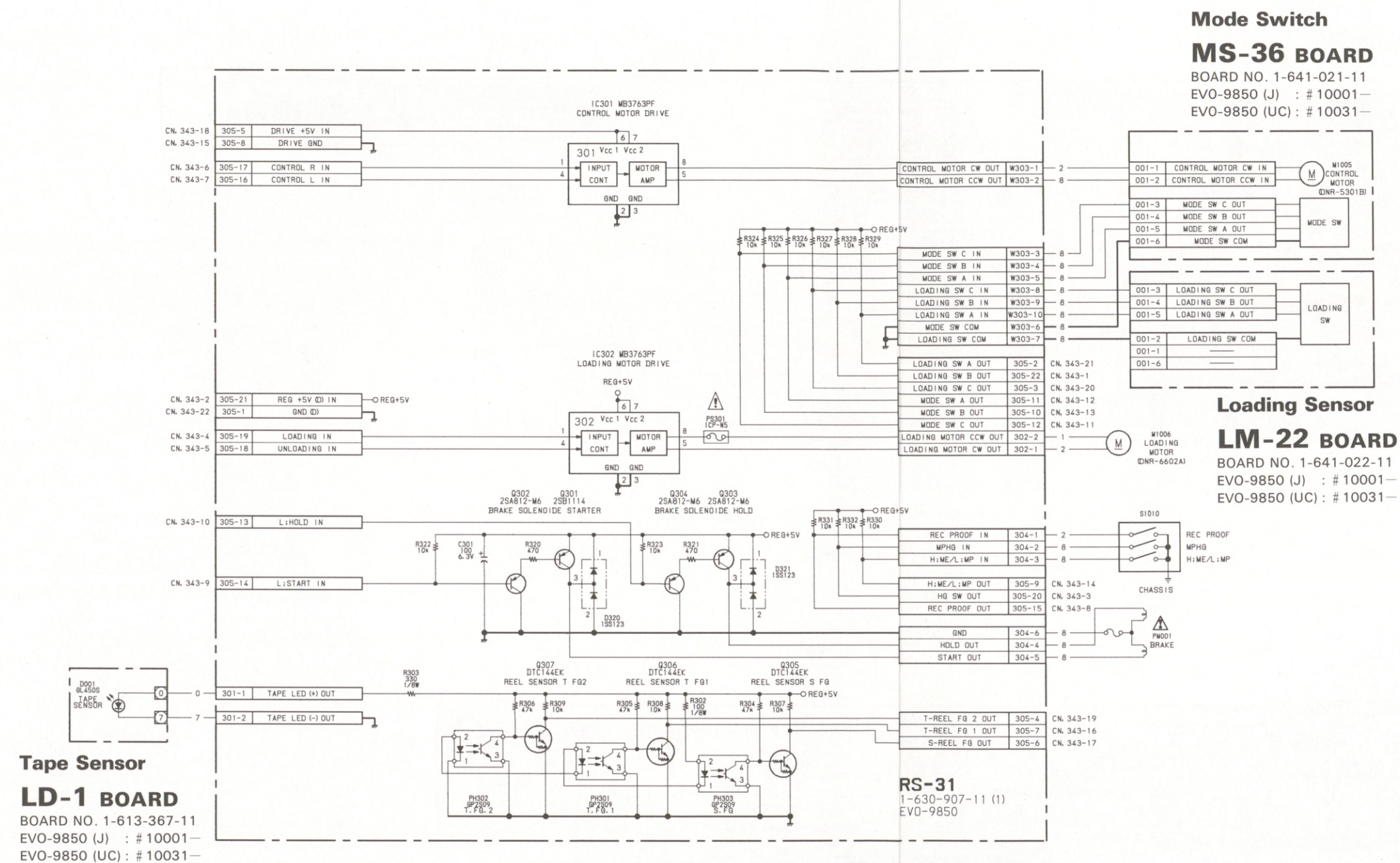
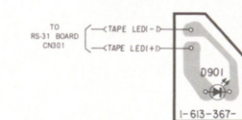
EVO-9850 (J) : # 10001—

EVO-9850 (UC) : # 10031—

RS-31 BOARD Component Side



LD-1 BOARD Solder Side



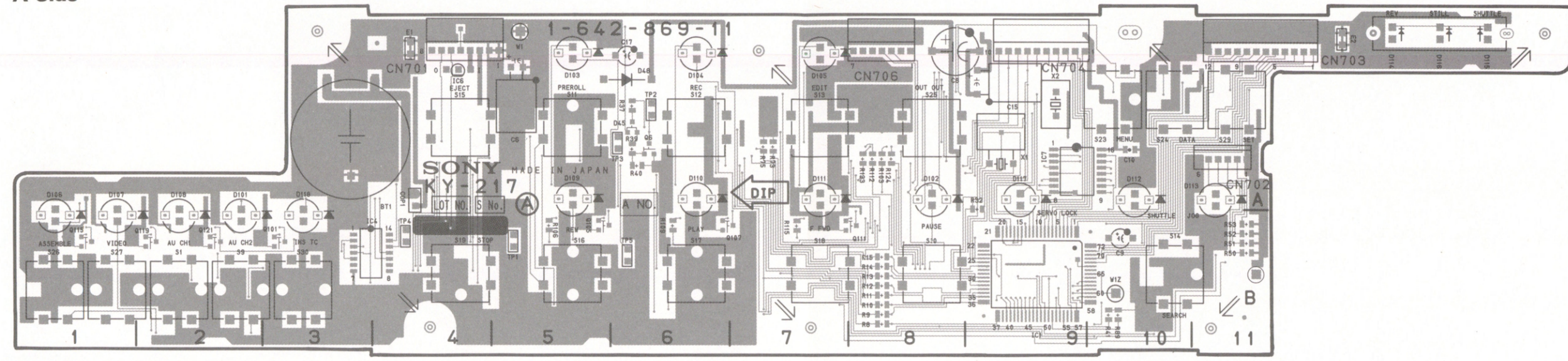
Q2	B-9 *
Q3	B-9 *
Q4	B-9 *
Q5	A-9 *
Q6	A-6
Q7	B-9 *
Q15	B-9 *
Q100	B-2 *
Q101	B-3
Q102	A-8 *
Q103	A-8 *
Q104	B-5 *
Q105	B-5

B Side is the same as Soldering Side

KY-217 (1-642-869-11)

BT1	A-4	Q101	B-3
		Q102	A-8 *
CN701	A-4	Q103	A-8 *
CN702	A-11	Q104	B-5 *
CN703	A-11	Q105	B-5
CN704	A-9	Q106	B-6 *
CN706	A-8	Q107	B-7
		Q108	A-8 *
COP1	A-4	Q109	A-8 *
		Q110	A-7 *
COR1	A-4	Q111	B-8
		Q112	A-7 *
D1	B-2 *	Q113	A-7 *
D9	B-2 *	Q114	B-1 *
D10	A-8 *	Q115	B-1
D11	A-5 *	Q116	A-8 *
D13	A-7 *	Q117	A-8 *
D14	B-10 *	Q118	B-1 *
D15	A-4 *	Q119	B-2
D17	B-6 *	Q120	B-2 *
D19	B-4 *	Q121	B-2
D23	A-10 *	Q122	A-8 *
D24	A-10 *	Q123	A-8 *
D25	A-8 *		
D26	B-1 *	S1	B-2
D29	A-11 *	S9	B-2
D30	B-3 *	S10	B-8
D45	A-6	S11	A-5
D48	A-6 *	S12	A-6
D49	A-4 *	S13	A-7
D50	A-4 *	S14	B-10
D51	A-4 *	S15	A-4
D52	B-10 *	S16	B-5
D54	A-6 *	S17	B-6
D101	A-2	S18	A-7
D102	A-8	S19	B-4
D103	A-5	S23	A-10
D104	A-6	S24	A-10
D105	A-7	S25	A-8
D106	A-1	S26	B-1
D107	A-1	S27	B-1
D108	A-2	S29	A-11
D109	A-5	S30	B-3
D110	A-6		
D111	A-7	TP1	B-5
D112	A-10	TP2	A-6
D113	A-11	TP3	A-6
D114	A-11	TP4	B-4
D115	A-11	TP5	B-6
D116	A-11		
D117	A-9	X1	A-9
D118	A-3	X2	A-9
E1	A-4	* mark; B SIDE mount.	
E2	A-11		
IC1	B-9		
IC4	B-3		
IC6	A-4		
IC7	A-9		
Q2	B-9 *		
Q3	B-9 *		
Q4	B-9 *		
Q5	A-9 *		
Q6	A-6		
Q7	B-9 *		
Q15	A-6 *		
Q100	B-2 *		

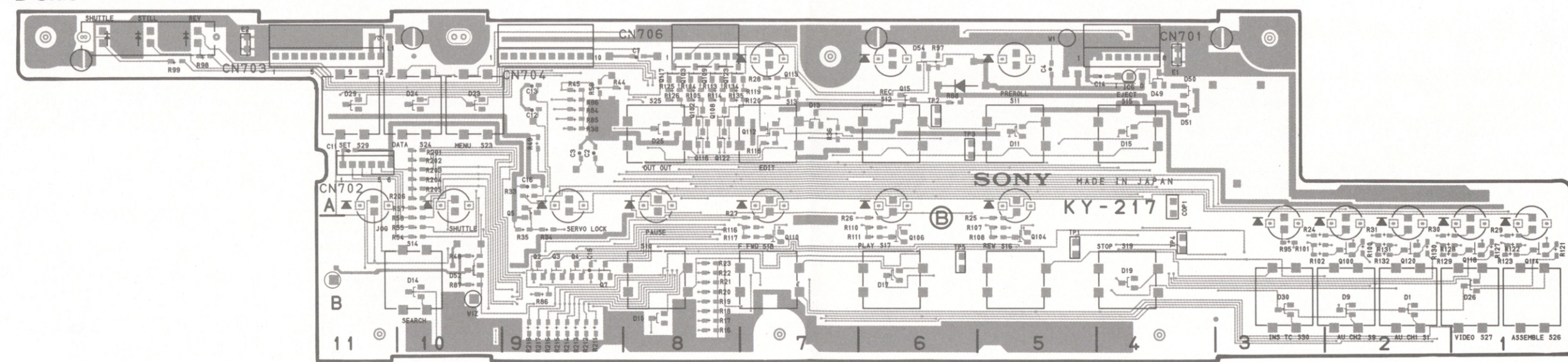
KY-217 BOARD
A Side



1-642-869-11 A SIDE

A Side is the same as Component Side

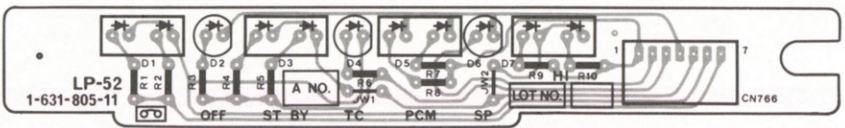
KY-217 BOARD
B Side



1-642-869-11 B SIDE

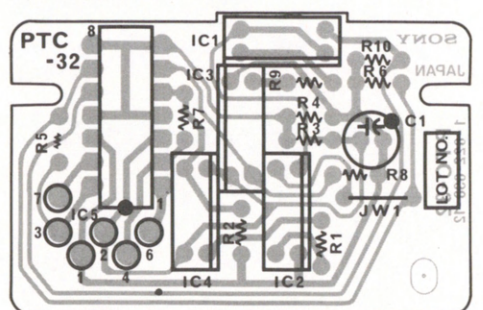
B Side is the same as Soldering Side

LP-52 BOARD
Component Side



1-631-805-11 COMPONENT SIDE

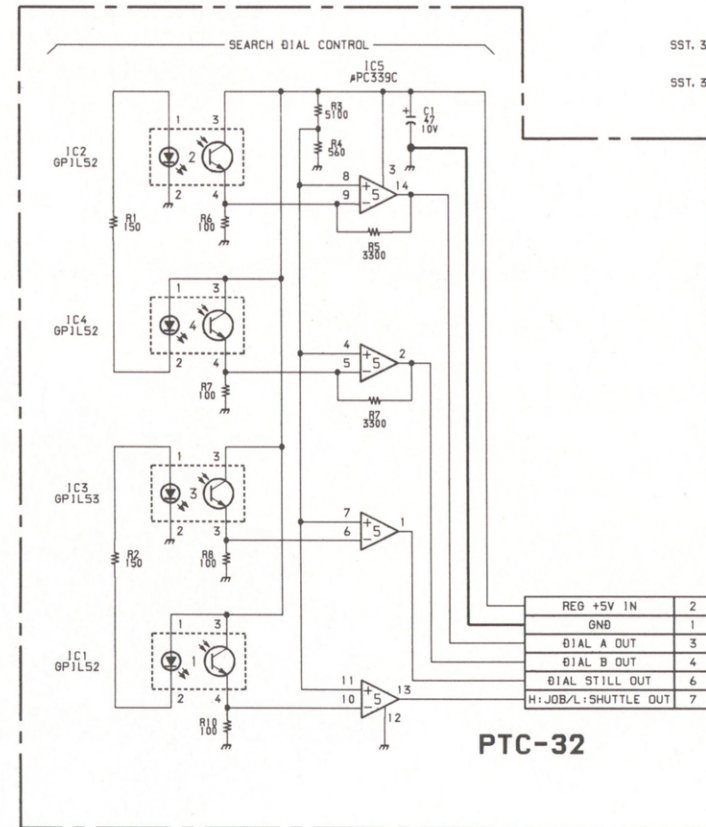
PTC-32 BOARD
Component Side



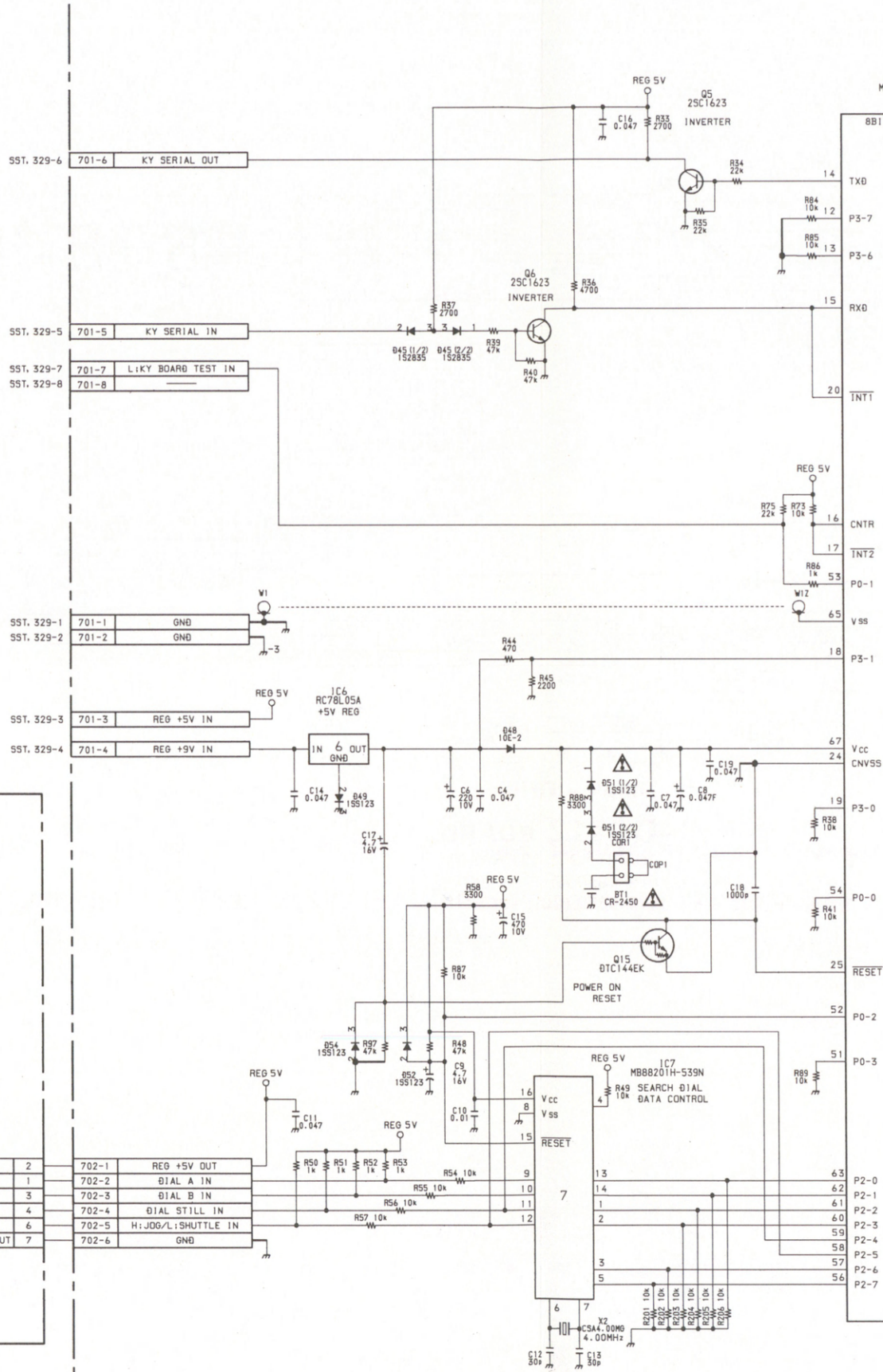
1-622-638-12 COMPONENT SIDE

Search Dial
PTC-32 BOARD

BOARD NO. 1-622-638-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

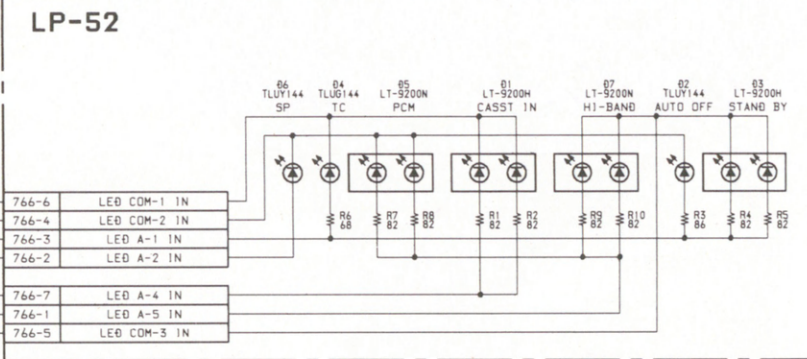
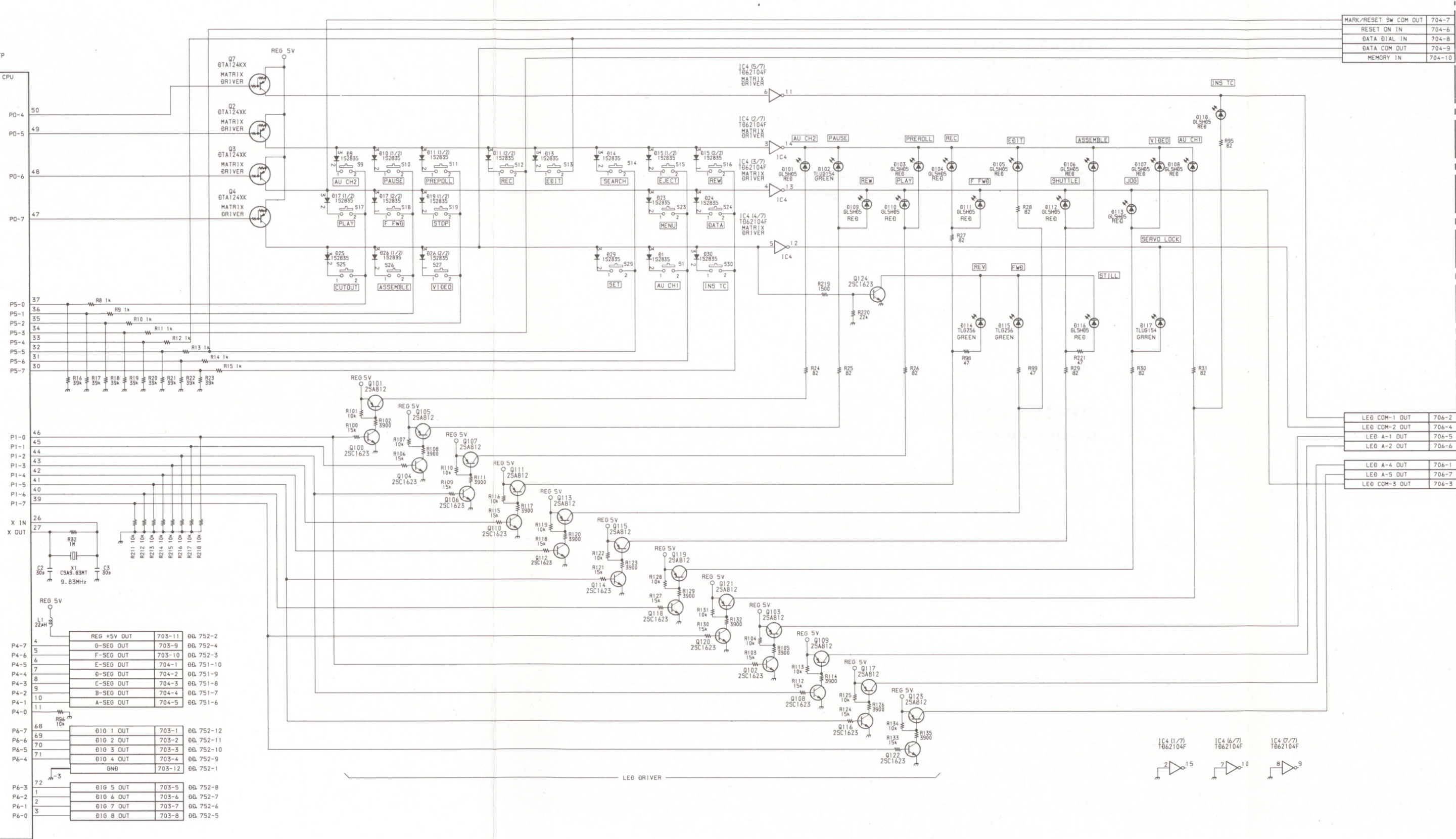


PTC-32



13-65

13-65



LP-52

Mode Display
LP-52 BOARD

BOARD NO. 1-631-805-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

Function Key Board

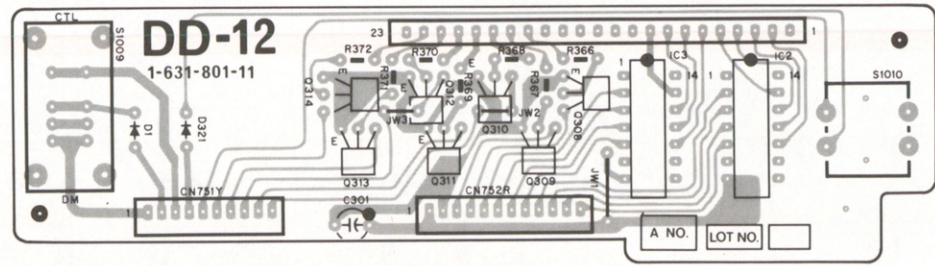
KY-217 BOARD

BOARD NO. 1-642-869-11, 12
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10001—

13-65

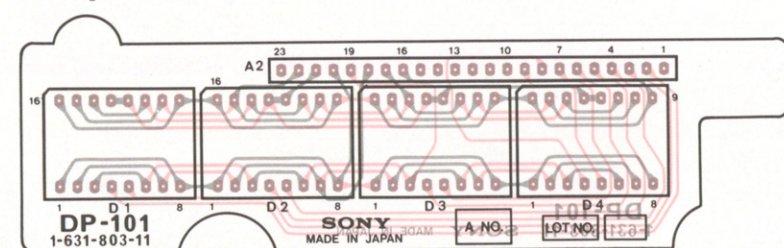
13-65

DD-12 BOARD
Component Side

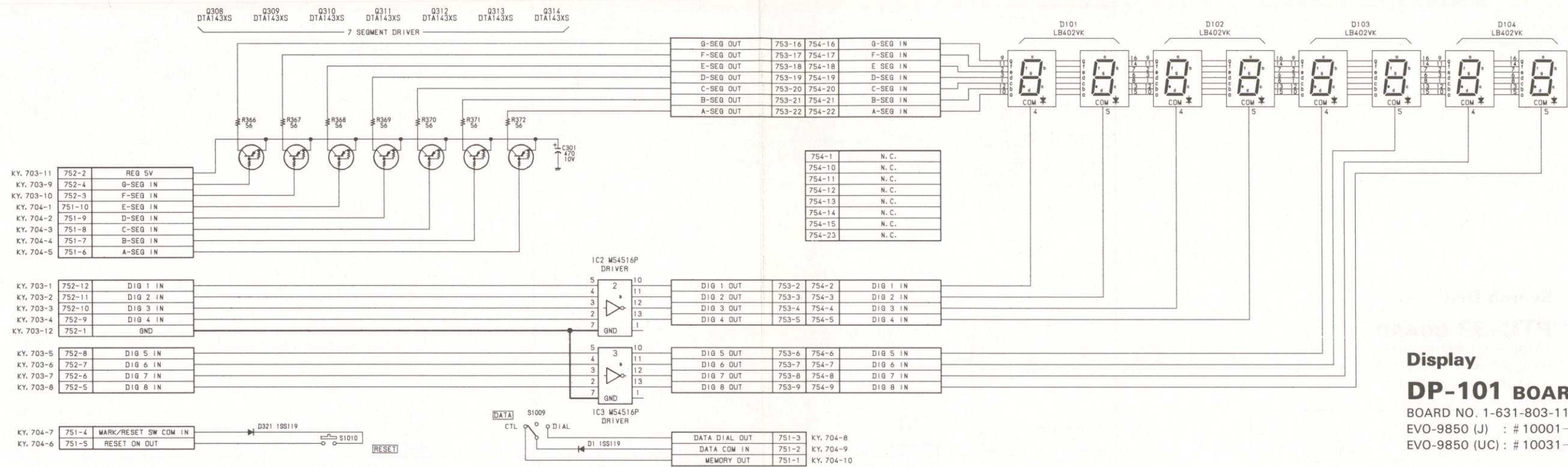


1-631-801-11 COMPONENT SIDE

DP-101 BOARD
Component Side



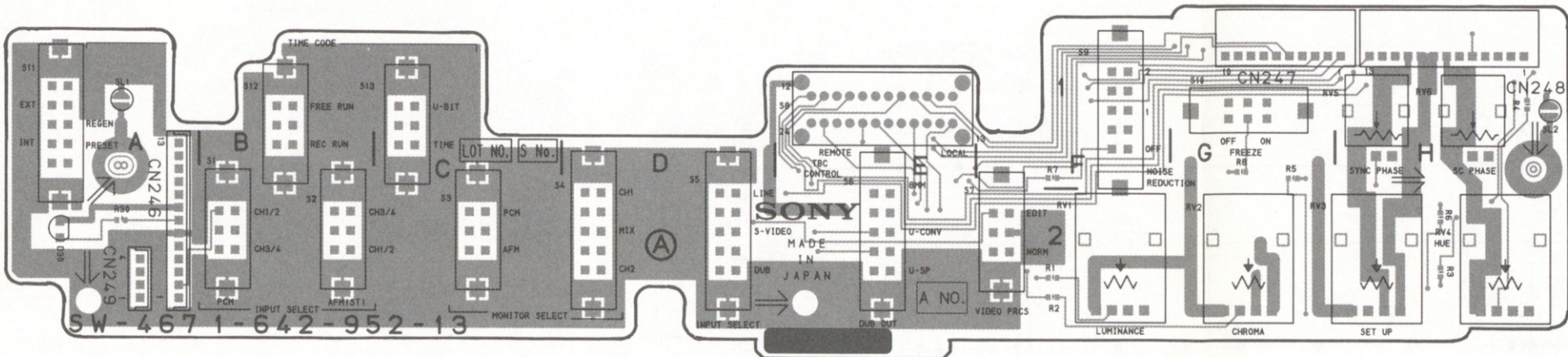
1-631-803-11 COMPONENT SIDE 1-631-803-11 SOLDER SIDE



Display Drive
DD-12 BOARD
BOARD NO. 1-631-801-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

Display
DP-101 BOARD
BOARD NO. 1-631-803-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

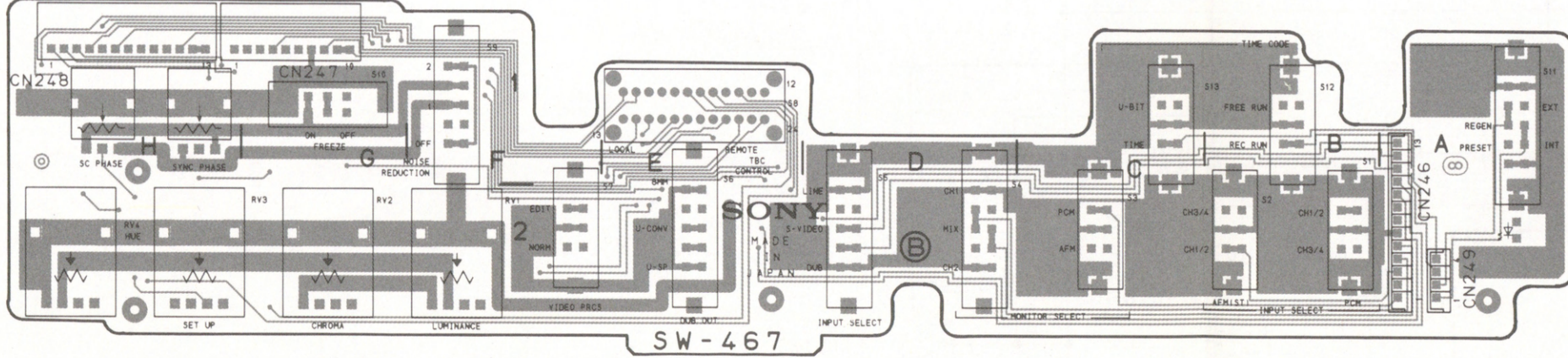
SW-467 BOARD
A Side



1-642-952-13 A SIDE

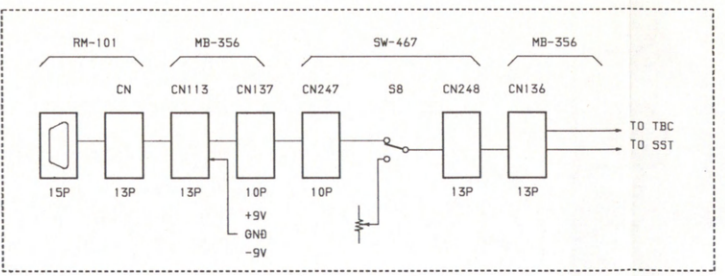
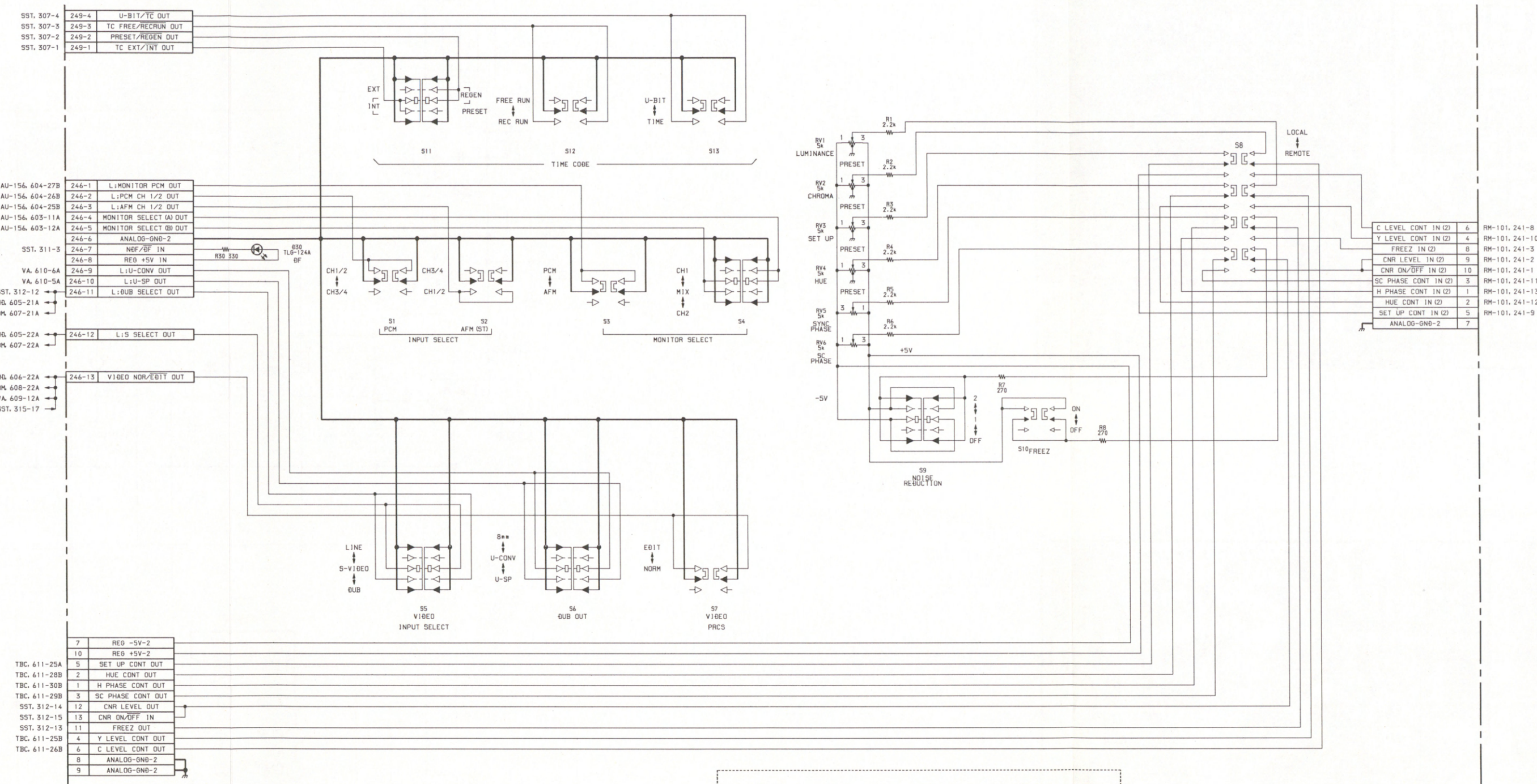
A Side is the same as Component Side

SW-467 BOARD
B Side

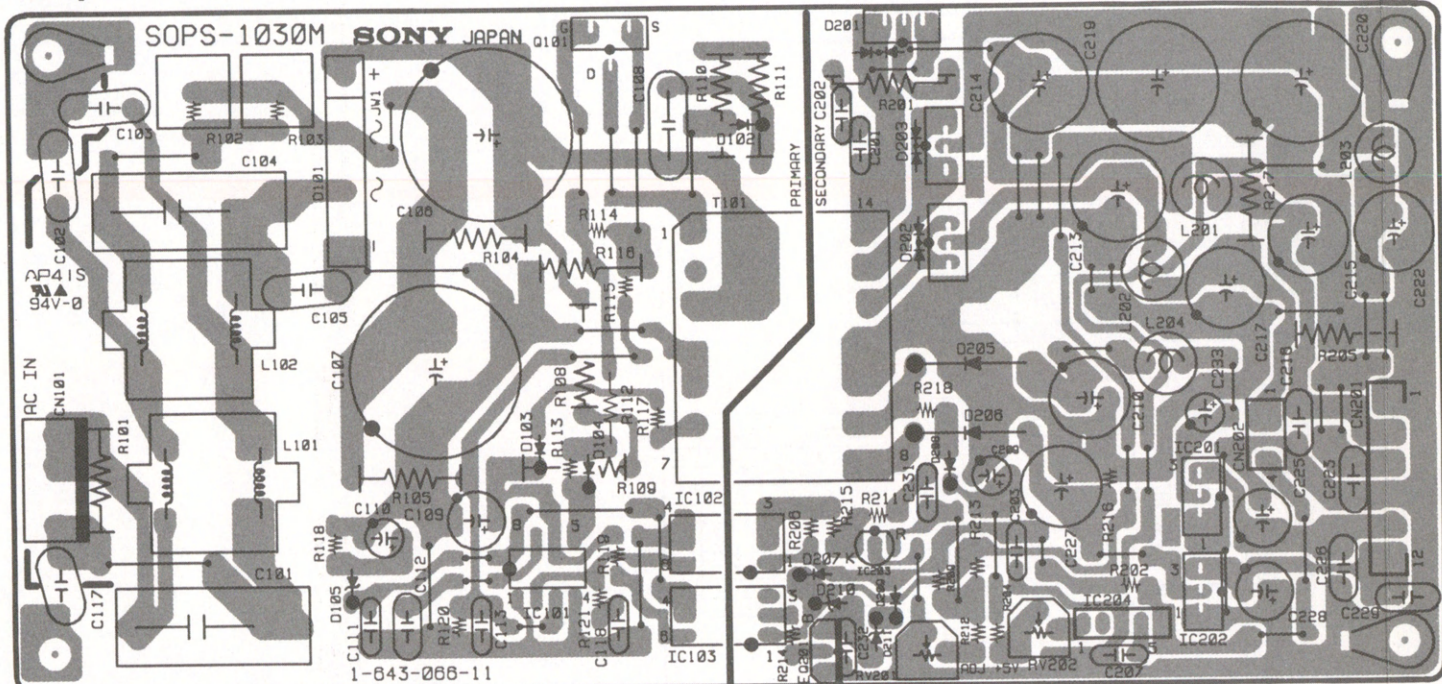


1-642-952-13 B SIDE

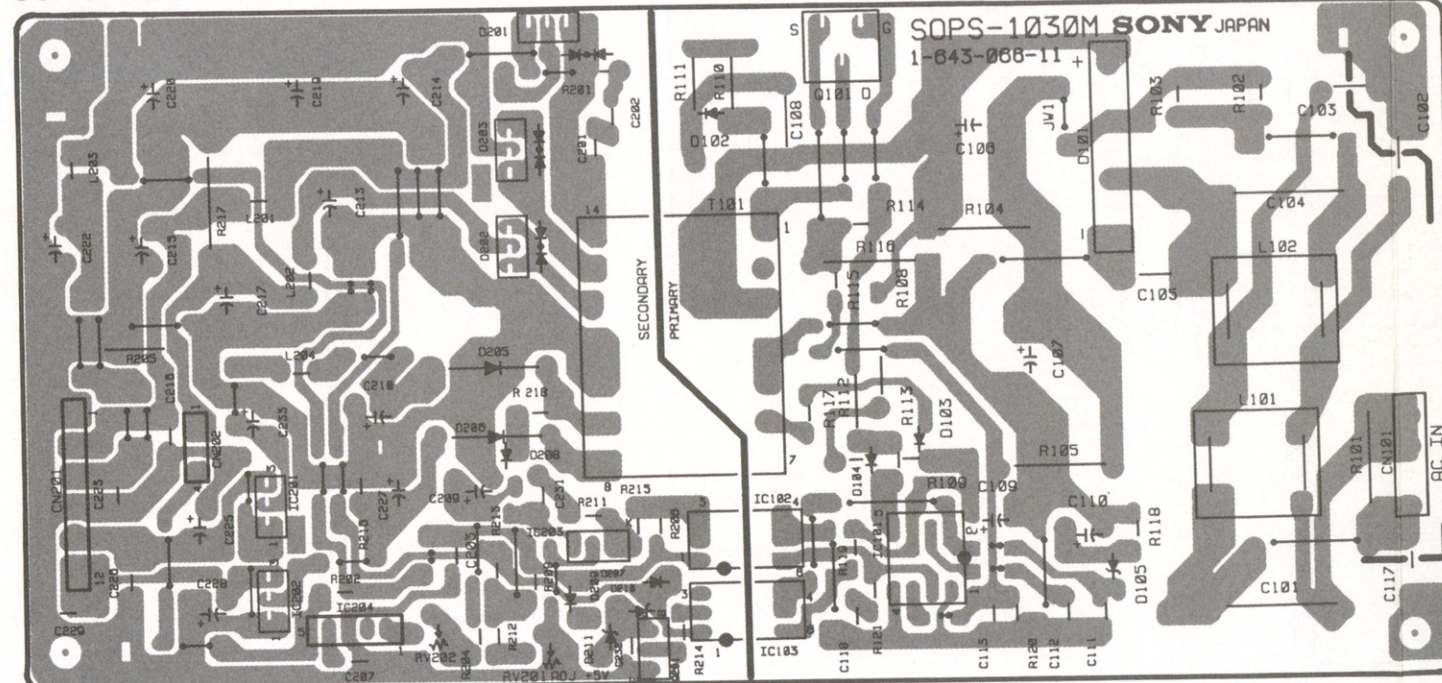
B Side is the same as Soldering Side



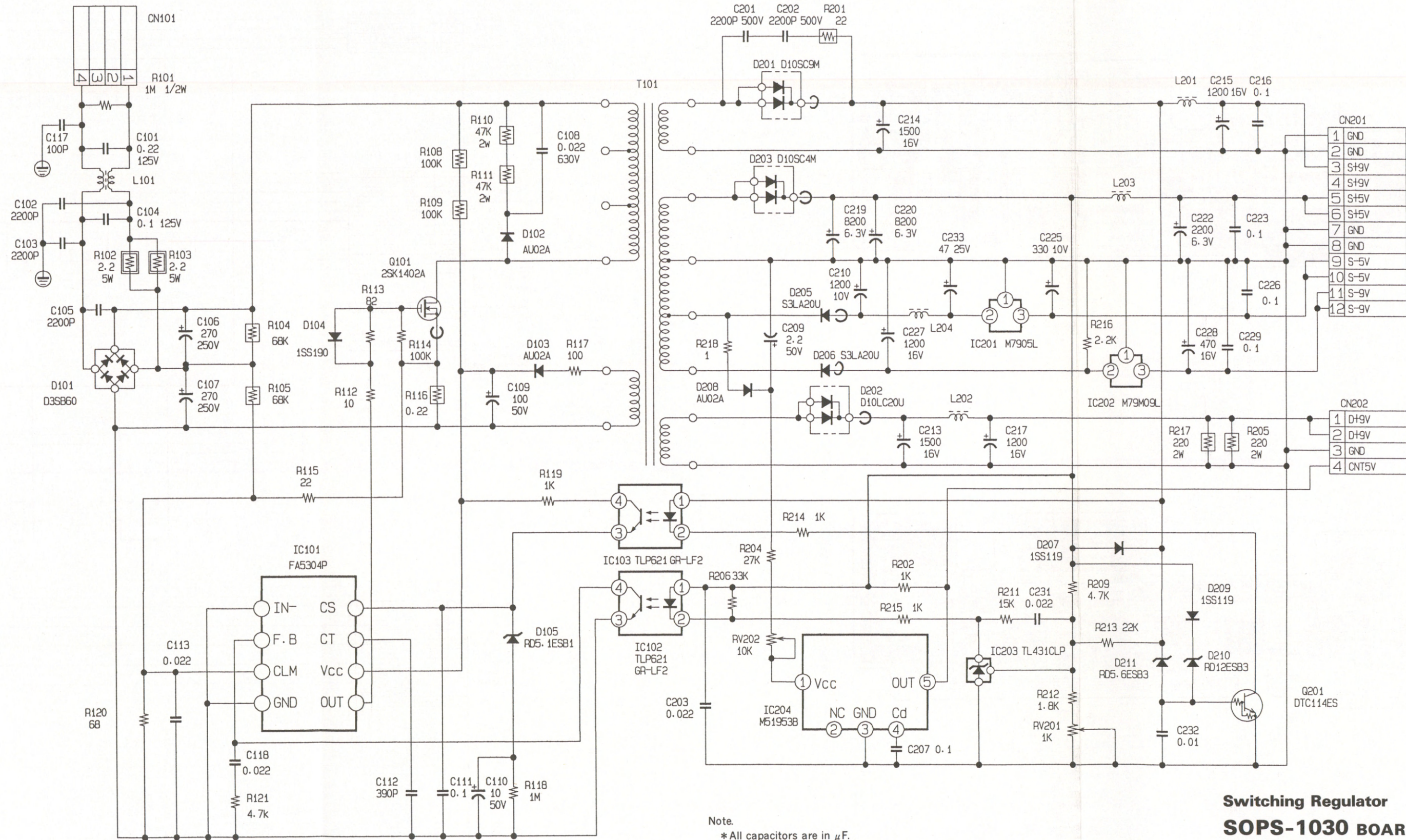
Sub Panel Switch
SW-467 BOARD
BOARD NO. 1-642-952-13
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

SOPS-1030 BOARD
Component Side

1-643-066-11 COMPONENT SIDE

SOPS-1030 BOARD
Solder Side

1-643-066-11 SOLDER SIDE



Note.

- * All capacitors are in μ F.
- 50V unless otherwise noted.
- * All resistors are in ohms.
- 1/4W unless otherwise noted.

Switching Regulator**SOPS-1030 BOARD**

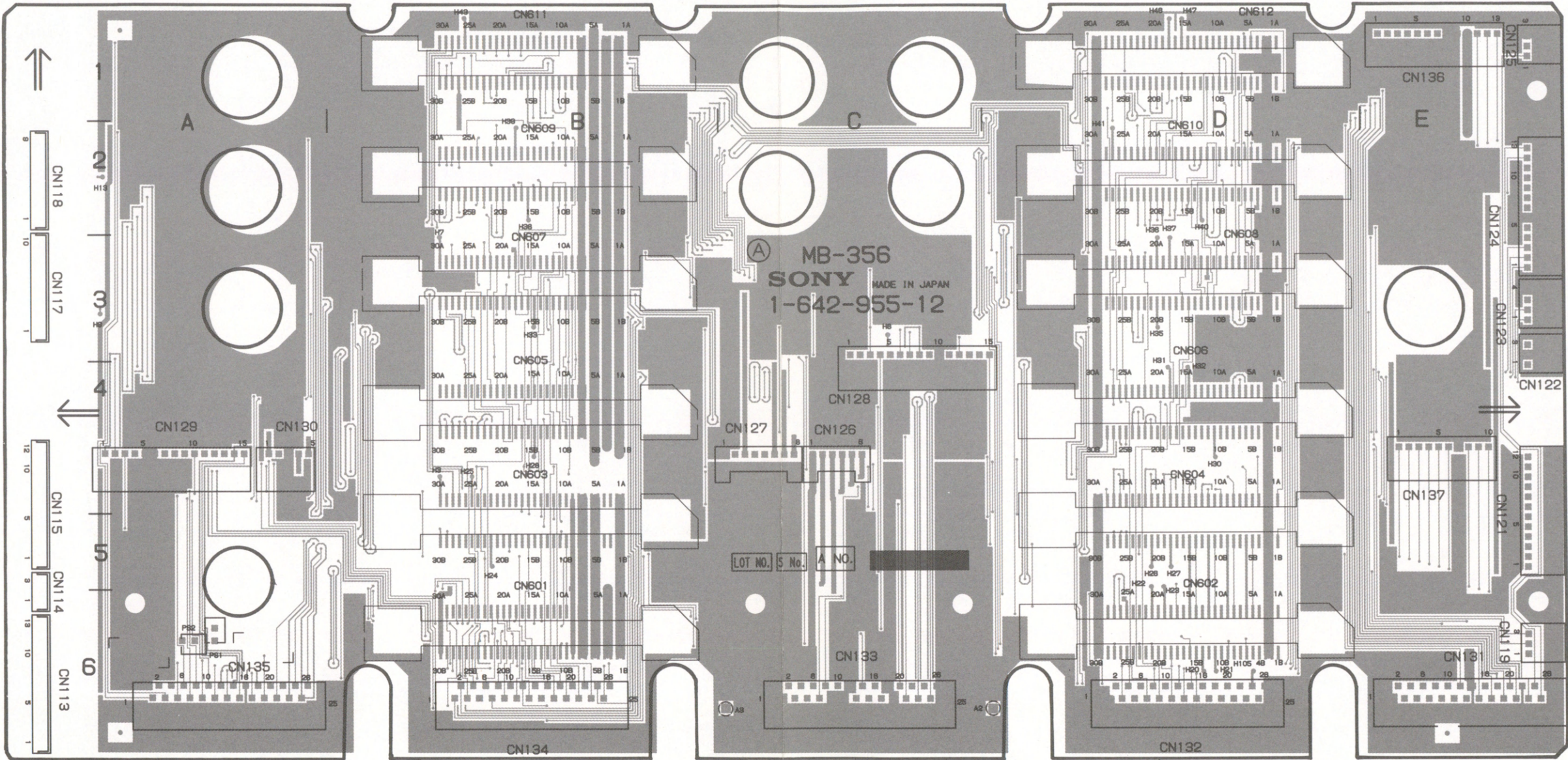
BOARD NO. 1-643-066-11
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

MB-356 (1-642-955-11, 12)

- CN113 A-6
- CN114 A-6
- CN115 A-4
- CN117 A-3
- CN118 A-2
- CN119 E-6
- CN121 E-5
- CN122 E-3
- CN123 E-3
- CN124 E-2
- CN125 E-1
- CN126 C-4
- CN127 C-4
- CN128 C-3
- CN129 A-4
- CN130 A-4
- CN131 E-6
- CN132 D-6
- CN133 C-6
- CN134 B-6
- CN135 A-6
- CN136 E-1
- CN137 E-4
- CN601 B-5
- CN602 D-5
- CN603 B-4
- CN604 D-4
- CN605 B-4
- CN606 D-3
- CN607 B-3
- CN608 D-3
- CN609 B-2
- CN610 D-2
- CN611 B-1
- CN612 D-1

- PS1 A-6
- PS2 A-6

MB-356 BOARD
A Side



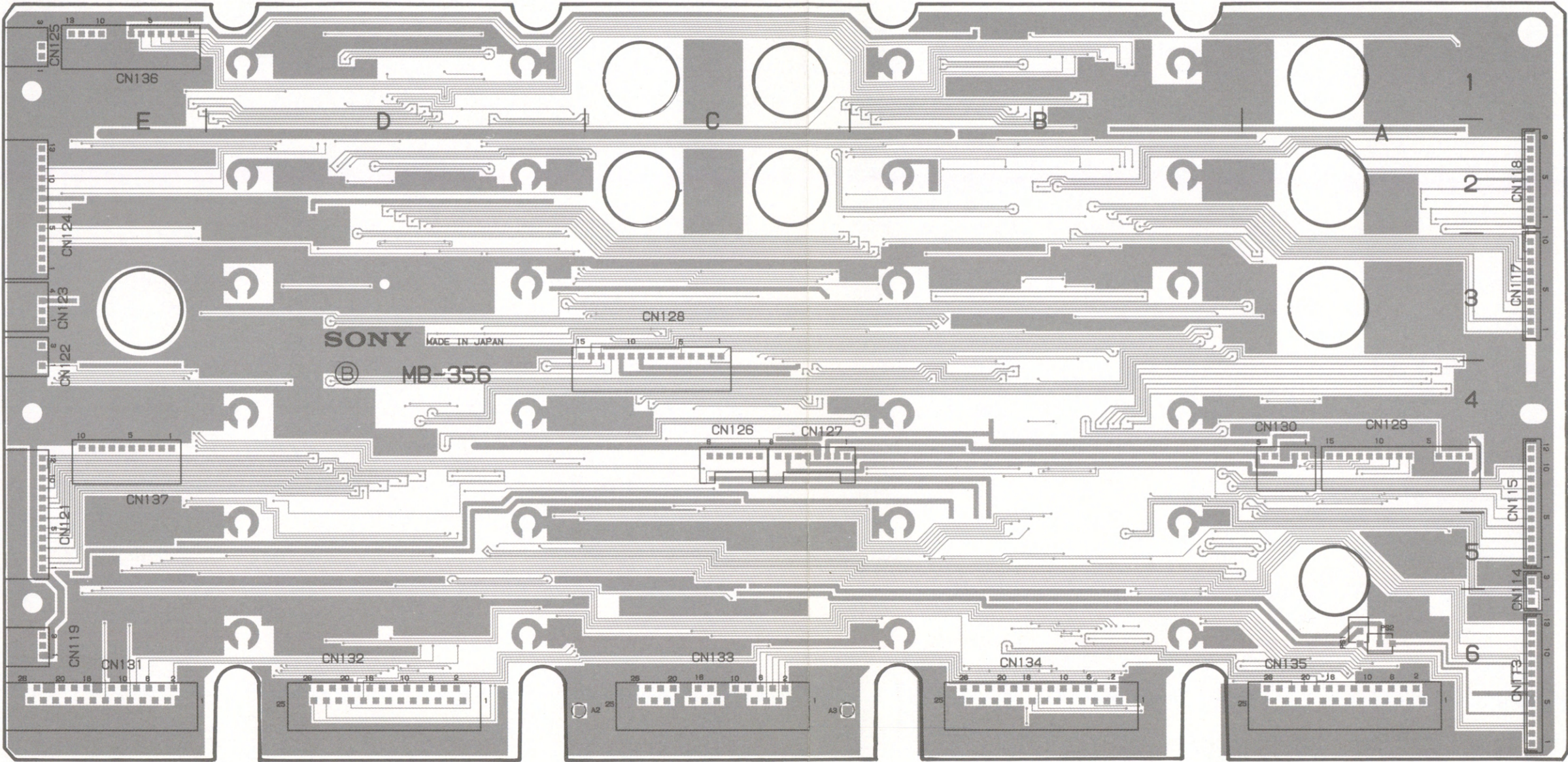
1-642-955-11, 12 A SIDE

A Side is the same as Component Side

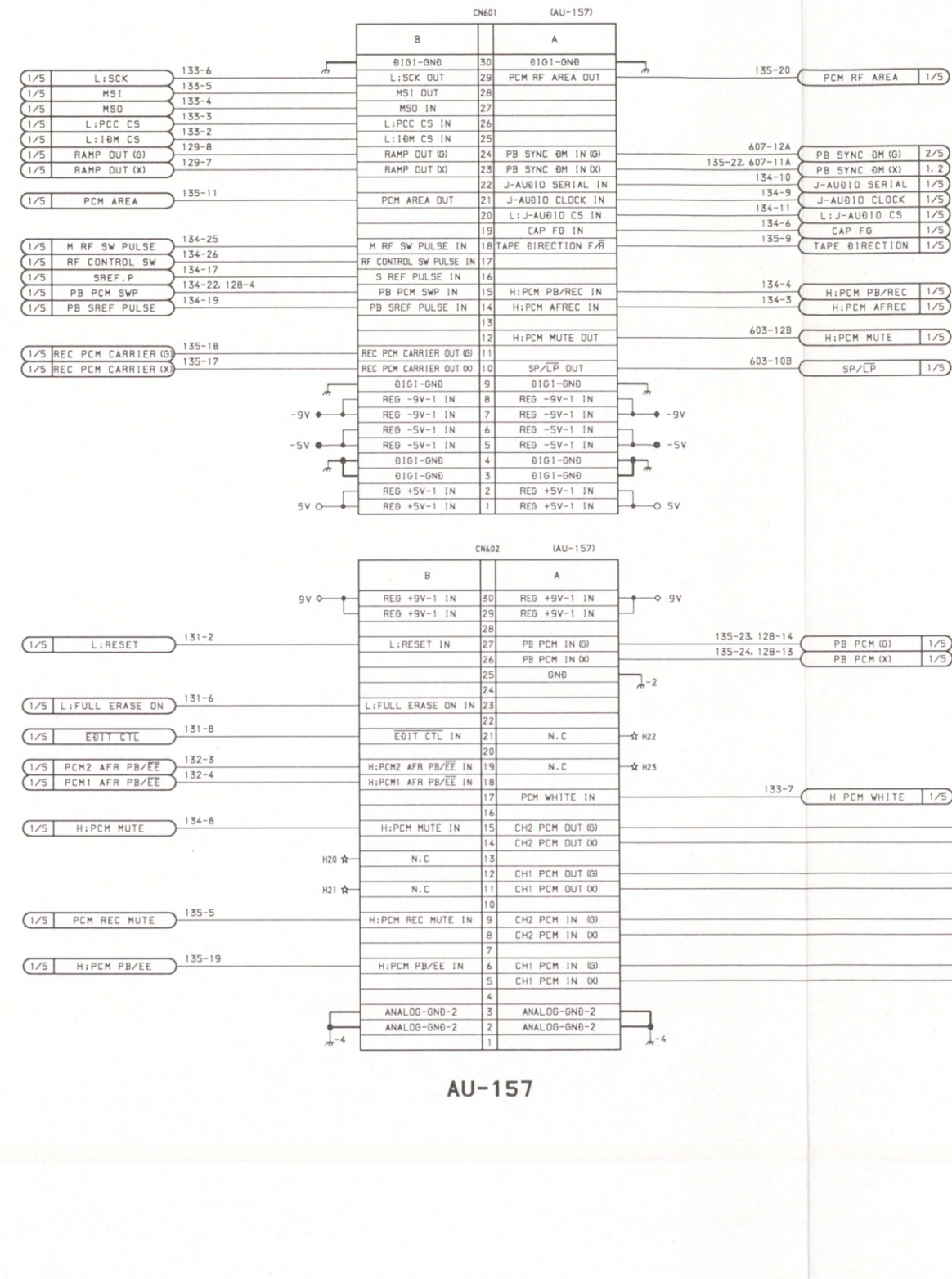
MB-356 (1-642-955-11, 12)

- CN113 A-6
- CN114 A-6
- CN115 A-4
- CN117 A-3
- CN118 A-2
- CN119 E-6
- CN121 E-5
- CN122 E-3
- CN123 E-3
- CN124 E-2
- CN125 E-1
- CN126 C-4
- CN127 C-4
- CN128 C-3
- CN129 A-4
- CN130 A-4
- CN131 E-6
- CN132 D-6
- CN133 C-6
- CN134 B-6
- CN135 A-6
- CN136 E-1
- CN137 E-4
- CN601 B-5
- CN602 D-5
- CN603 B-4
- CN604 D-4
- CN605 B-4
- CN606 D-3
- CN607 B-3
- CN608 D-3
- CN609 B-2
- CN610 D-2
- CN611 B-1
- CN612 D-1
- PS1 A-6
- PS2 A-6

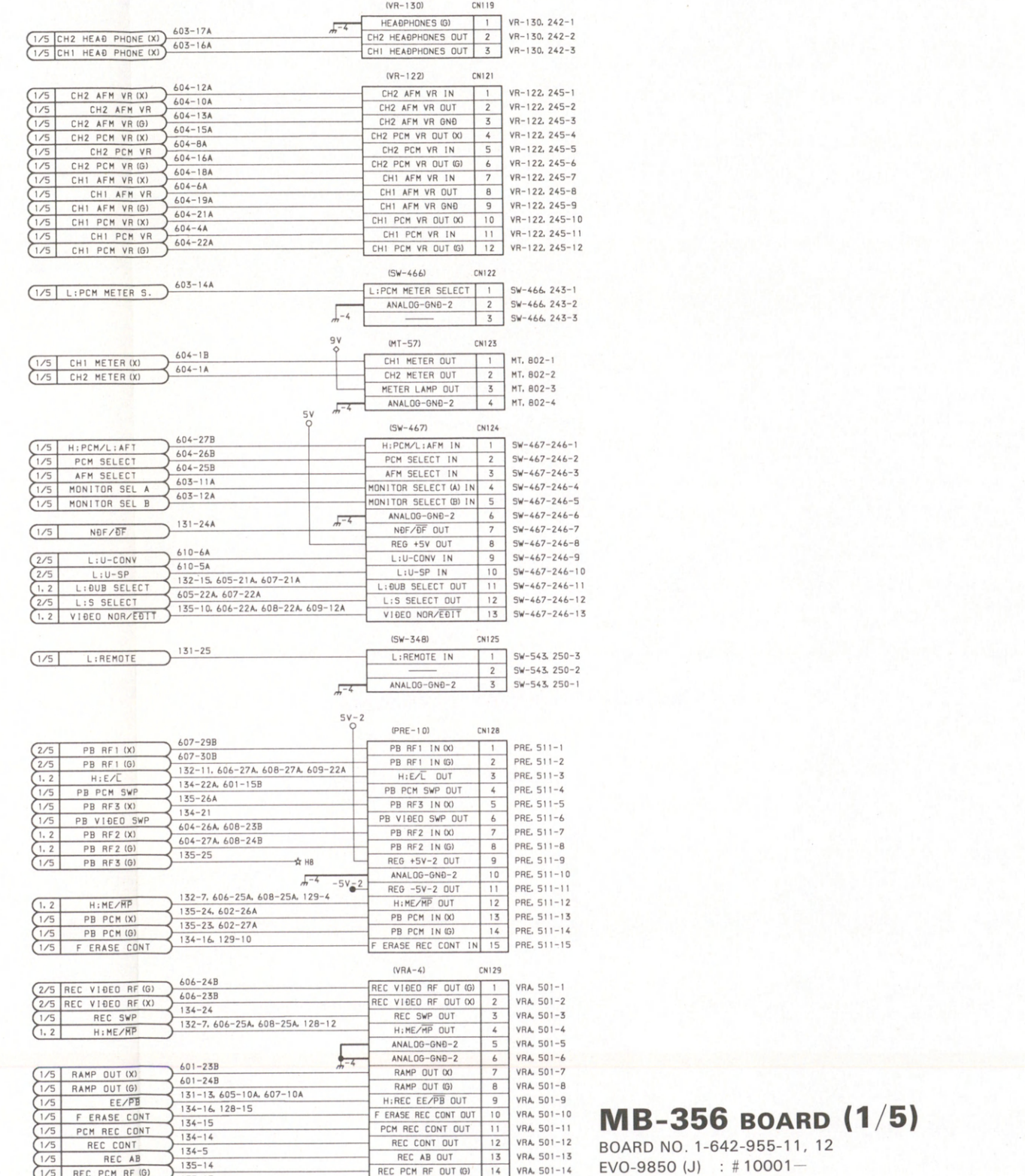
MB-356 BOARD
B Side



1-642-955-11, 12 B SIDE
B Side is the same as Soldering Side



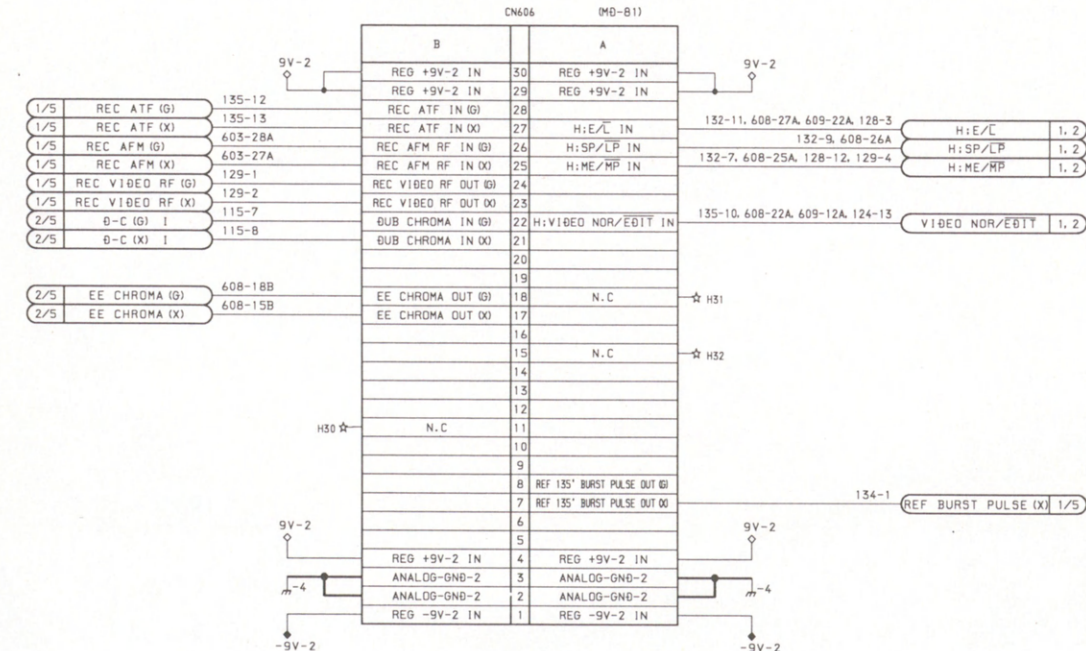
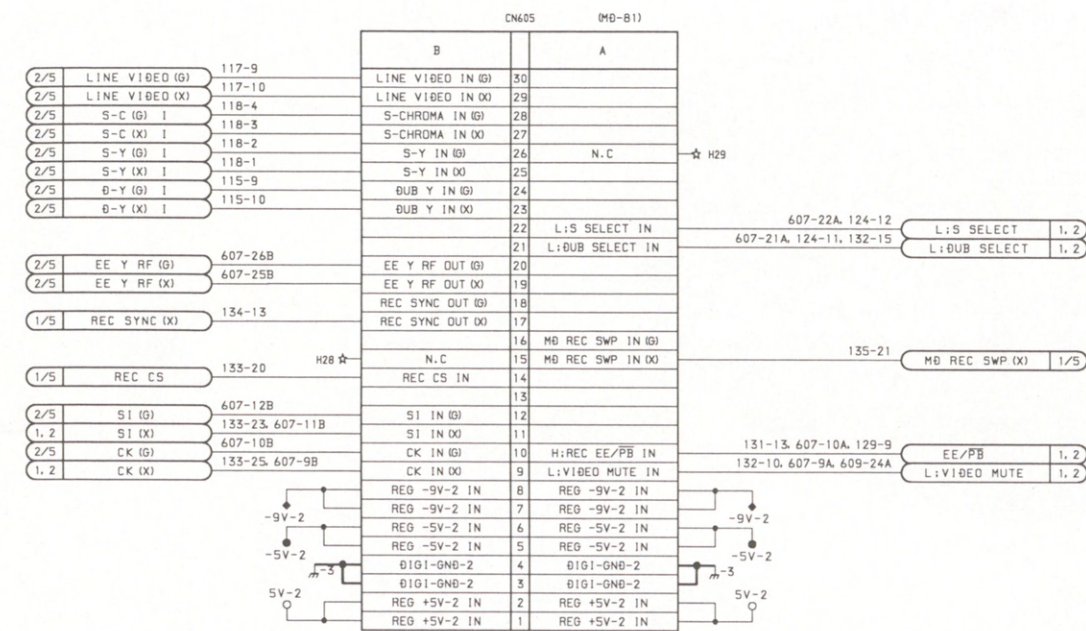
AU-157



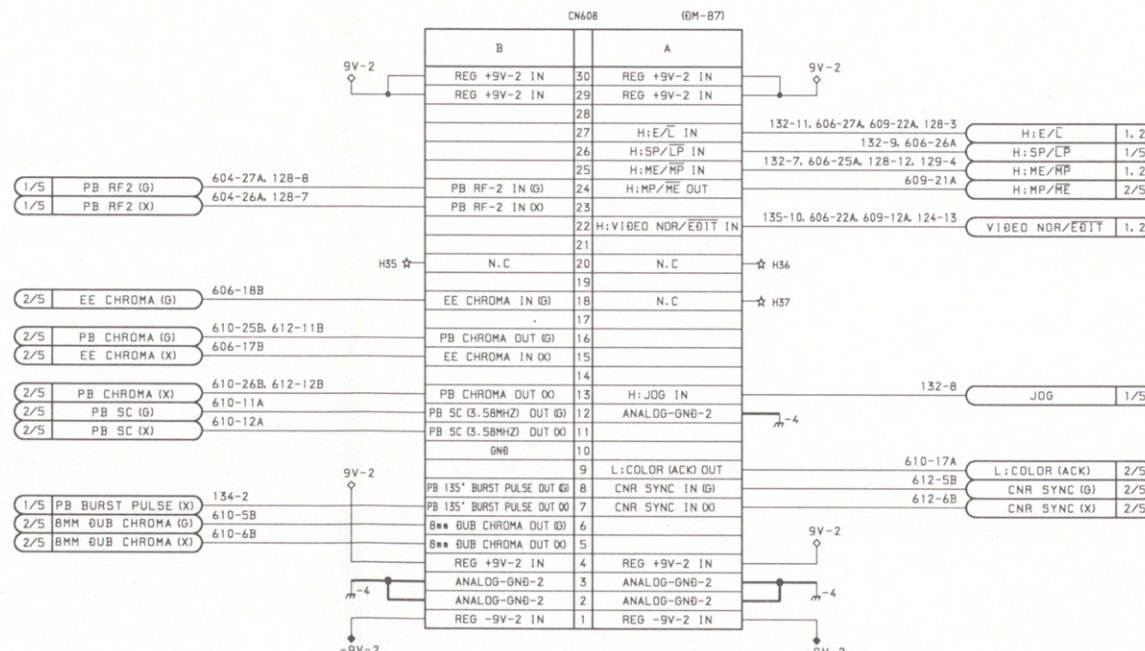
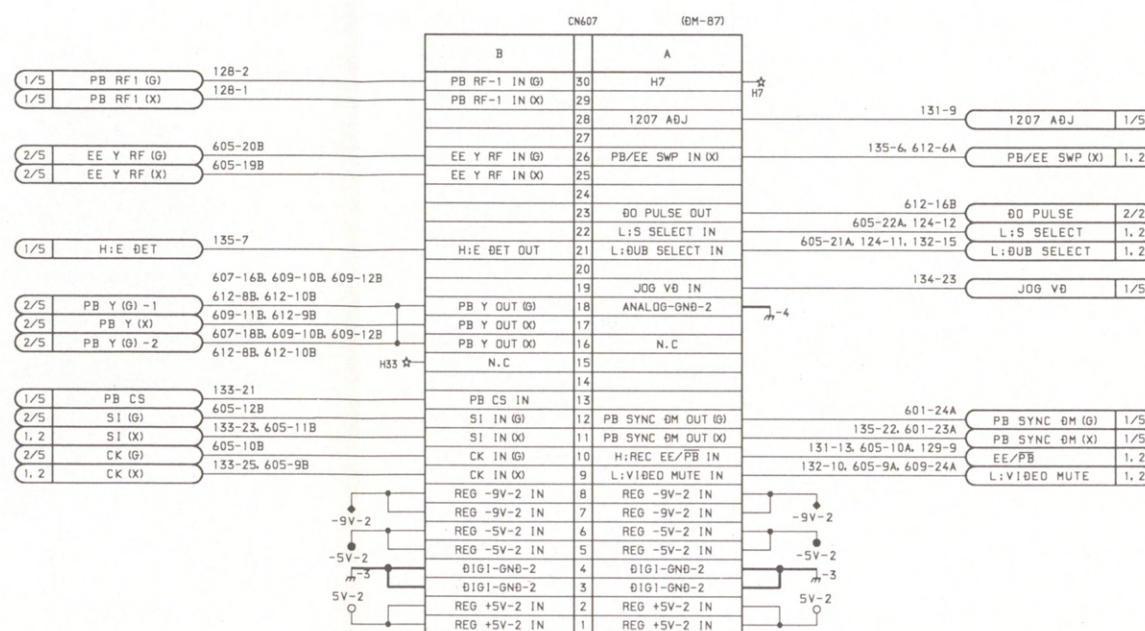
AU-156

MB-356 BOARD (1/5)

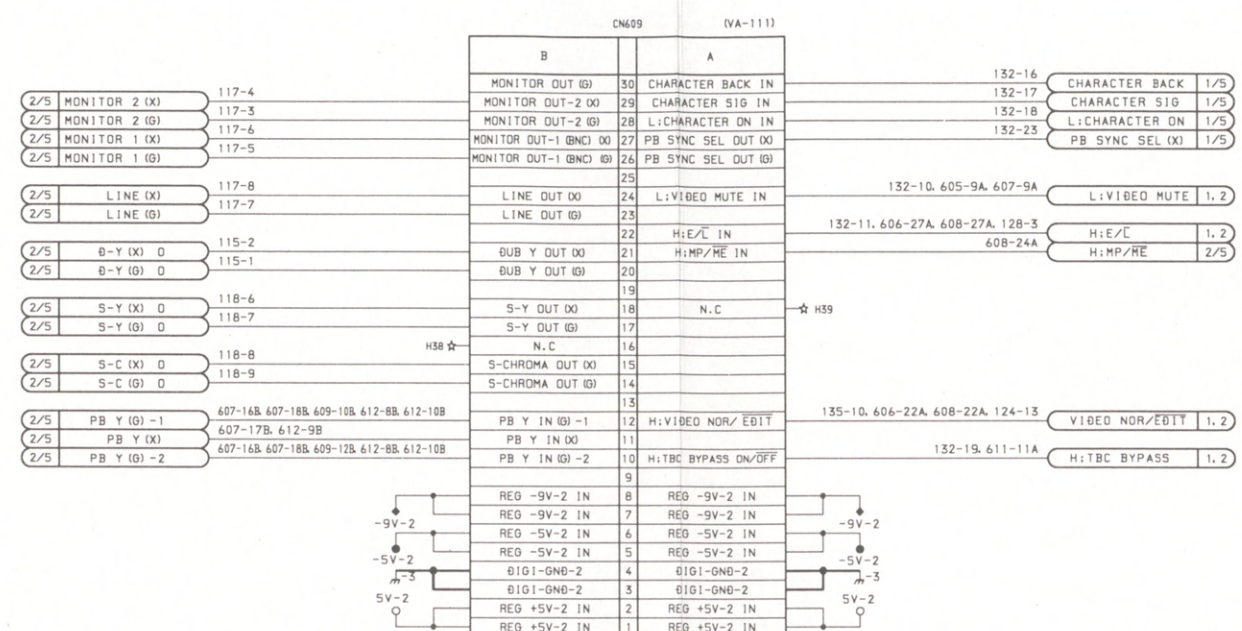
BOARD NO. 1-642-955-11, 12
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—



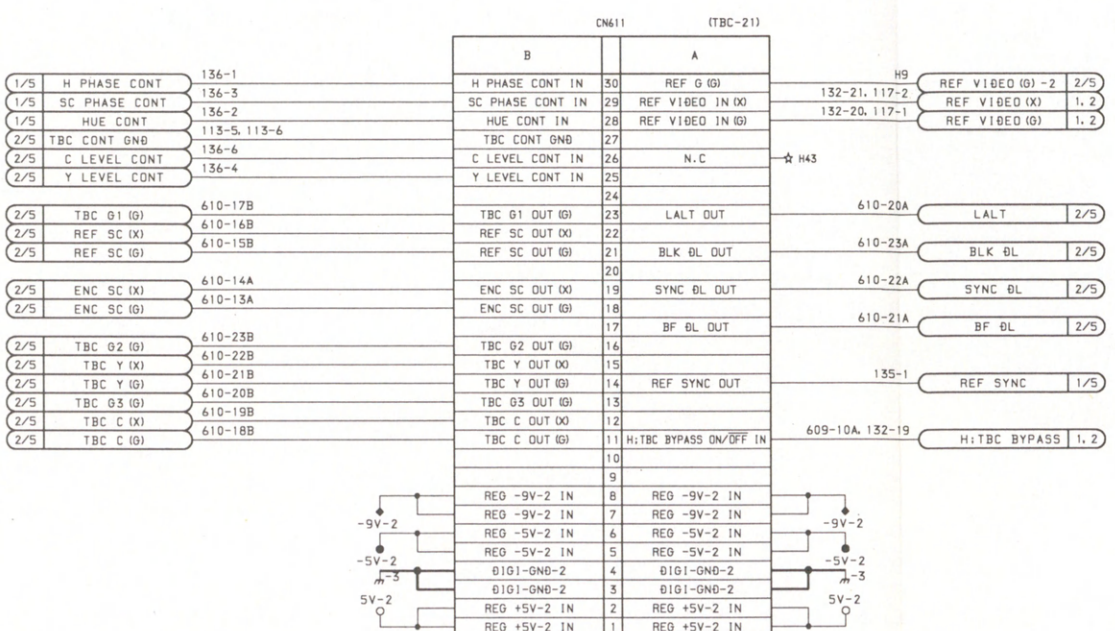
MD-81



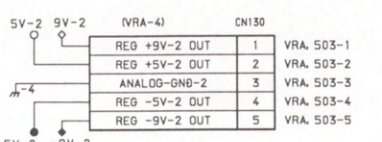
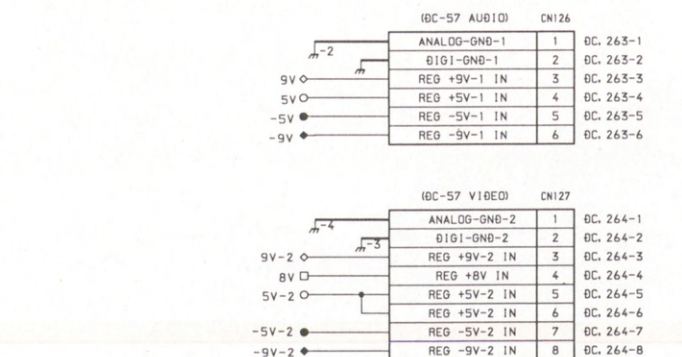
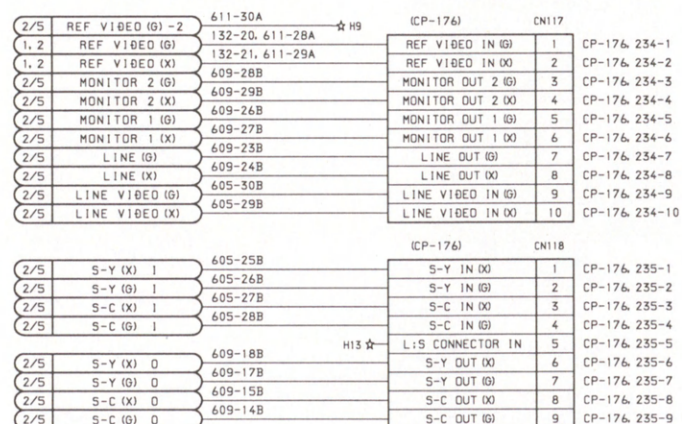
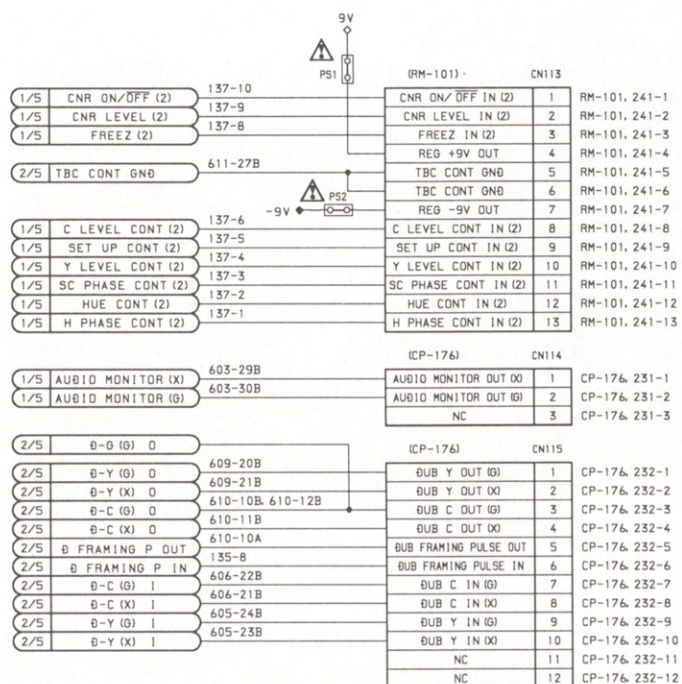
MD-87



VA-111

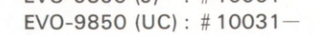


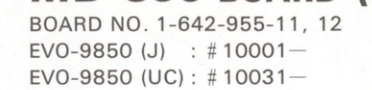
TBC-21

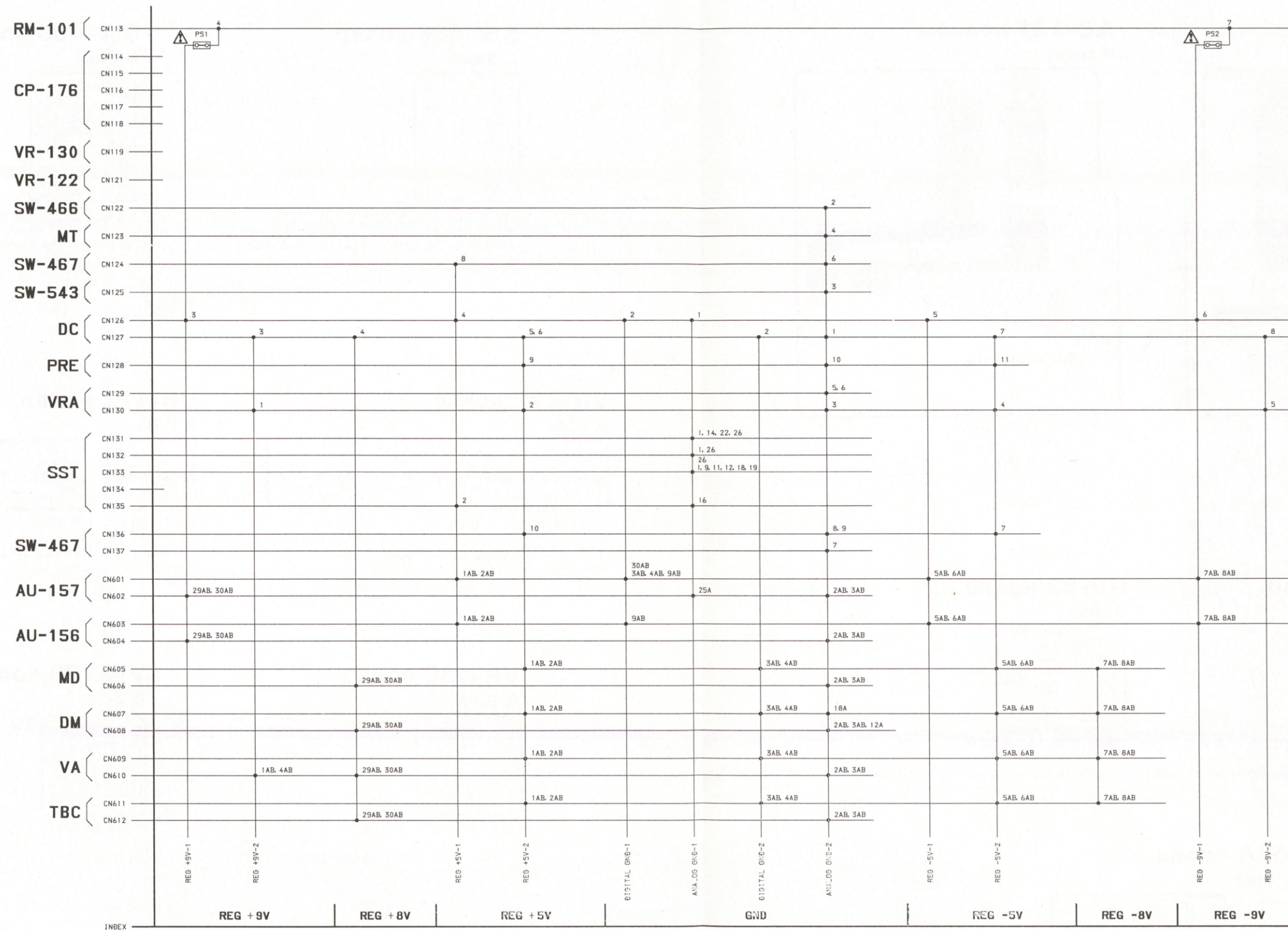


MB-356 BOARD (2/5)

BOARD NO. 1-642-955-11, 12
EVO-9850 (J) : # 10001-1
EVO-9850 (UC) : # 10031-1







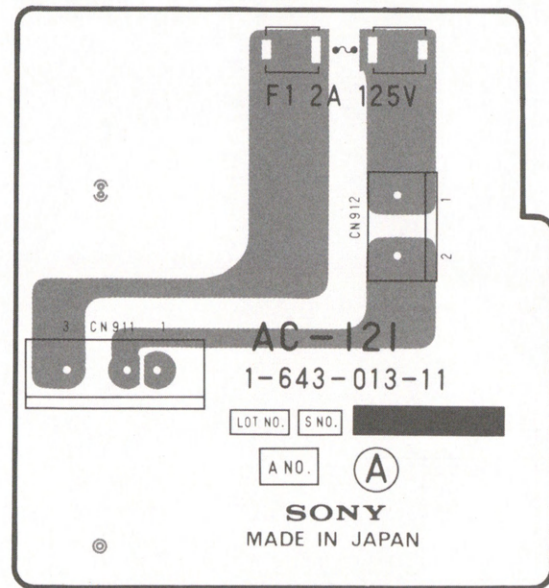
注意 1 : △印のついた部品は安全性を維持するために重要な部品です。従って交換する時は必ず指定の部品を使って下さい。

NOTE:
The △-marked components are critical to safety.
Replace only with same components as specified.

MB-356 BOARD (5/5)

BOARD NO. 1-642-955-11, 12
EVO-9850 (J) : # 10001—
EVO-9850 (UC) : # 10031—

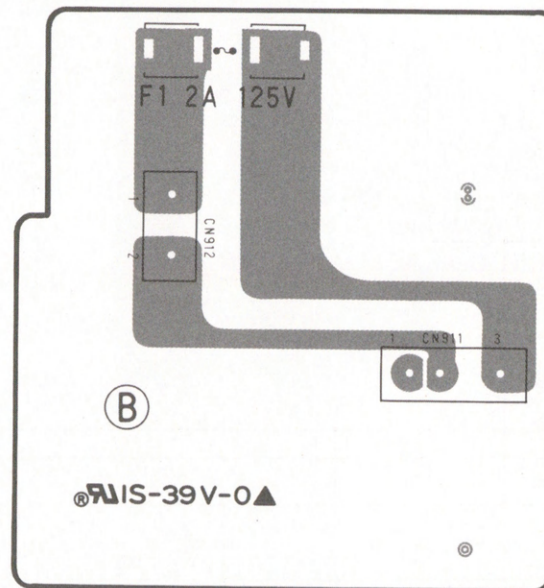
AC-121 BOARD A Side



1-643-013-11 A SIDE

A Side is the same as Component Side

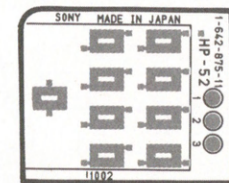
AC-121 BOARD B Side



1-643-013-11 B SIDE

B Side is the same as Soldering Side

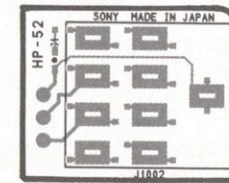
HP-52 BOARD A Side



1-642-875-11 A SIDE

A Side is the same as Component Side

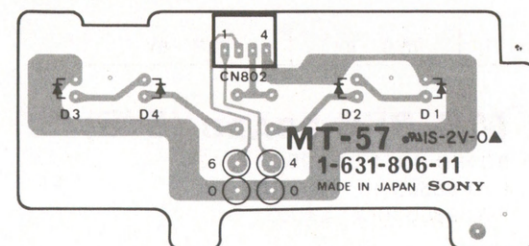
HP-52 BOARD B Side



1-642-875-11 B SIDE

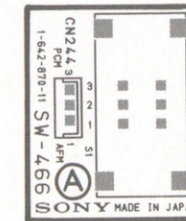
B Side is the same as Soldering Side

MT-57A BOARD Solder Side



1-631-806-11 SOLDER SIDE

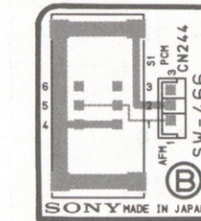
SW-466 BOARD A Side



1-642-870-11 A SIDE

A Side is the same as Component Side

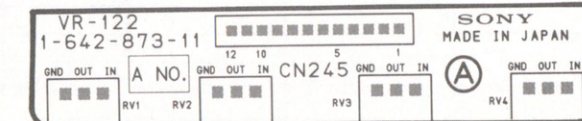
SW-466 BOARD B Side



1-642-870-11 B SIDE

B Side is the same as Soldering Side

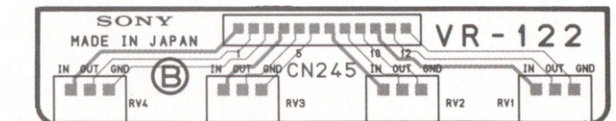
VR-122 BOARD A Side



1-642-873-11 A SIDE

A Side is the same as Component Side

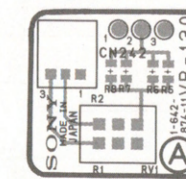
VR-122 BOARD B Side



1-642-873-11 B SIDE

B Side is the same as Soldering Side

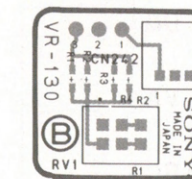
VR-130 BOARD A Side



1-642-874-11 A SIDE

A Side is the same as Component Side

VR-130 BOARD B Side



1-642-874-11 B SIDE

B Side is the same as Soldering Side

DC-57 BOARD

B Side

1-643-015-11 B SIDE

B Side is the same as Soldering Side

DC-57 BOARD

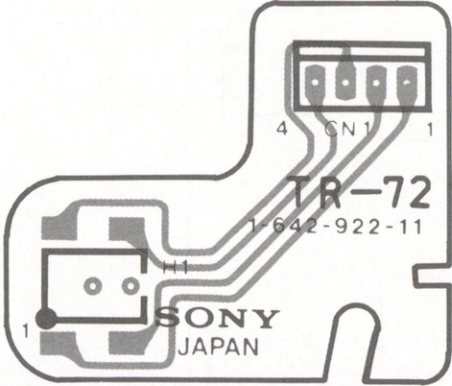
B Side

1-643-015-12 B SIDE

B Side is the same as Soldering Side

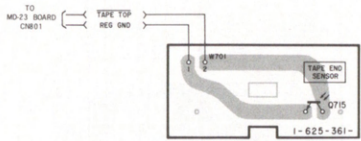


TR-72 BOARD
Component Side



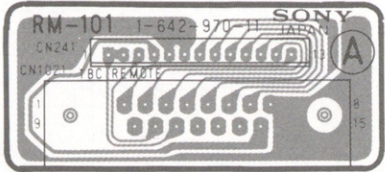
1-642-922-11 COMPONENT SIDE

TS-74 BOARD
Solder Side



1-625-361-11 SOLDER SIDE

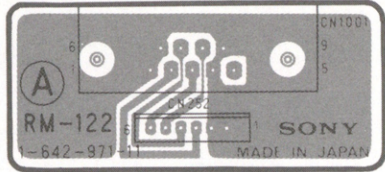
RM-101 BOARD
A Side



1-642-970-11 A SIDE

A Side is the same as Component Side

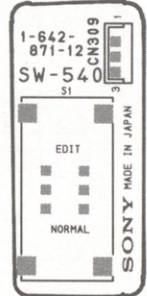
RM-122 BOARD
A Side



1-642-971-11 A SIDE

A Side is the same as Component Side

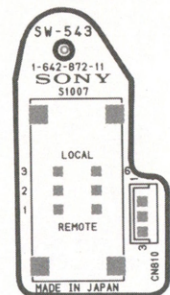
SW-540 BOARD
A Side



1-642-871-11, 12 A SIDE

A Side is the same as Component Side

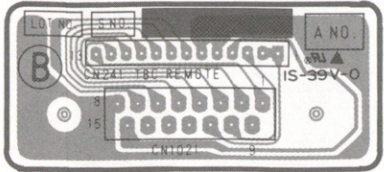
SW-543 BOARD
A Side



1-642-872-11 A SIDE

A Side is the same as Component Side

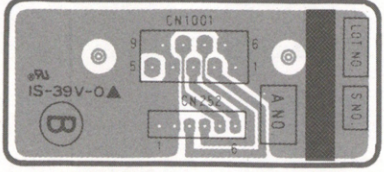
RM-101 BOARD
B Side



1-642-970-11 B SIDE

B Side is the same as Soldering Side

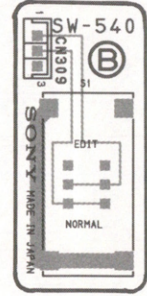
RM-122 BOARD
B Side



1-642-971-11 B SIDE

B Side is the same as Soldering Side

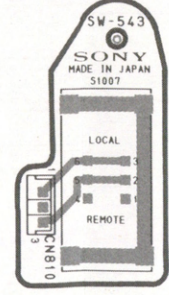
SW-540 BOARD
B Side



1-642-871-11, 12 B SIDE

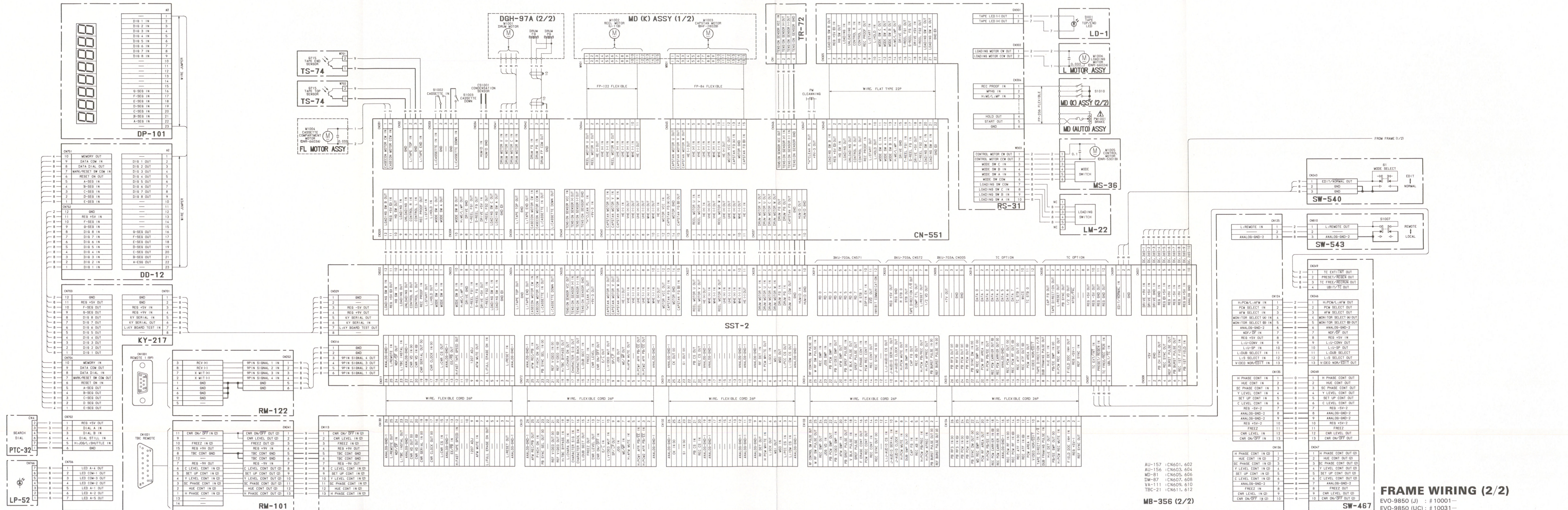
B Side is the same as Soldering Side

SW-543 BOARD
B Side



1-642-872-11 B SIDE

B Side is the same as Soldering Side



AU-157 : CN601, 602
 AU-156 : CN603, 604
 MD-81 : CN605, 606
 DM-87 : CN607, 608
 VA-111 : CN609, 610
 TBC-21 : CN611, 612

MB-356 (2/2)

FRAME WIRING (2/2)
 EVO-9850 (J) : # 10001—
 EVO-9850 (UC) : # 10031—

SECTION 14

SPARE PARTS AND FIXTURES

14-1. PARTS INFORMATION

- (1) Components marked with Δ on the exploded views and electrical spare list are critical to safe operation. Replace these components with Sony Parts whose part numbers appear in this manual or in service manual supplements published by Sony.

- (2) Replacement Parts supplied from the Sony Parts Center will sometimes have a different shape from the original parts. This is due to **improved parts and/or engineering changes or standardization of genuine parts.**

This manual's exploded views and electrical spare parts list indicate the part numbers of **the standardized genuine parts at the present.** Regarding engineering part changes by the engineering department, refer to Sony service bulletins and service manual supplements.

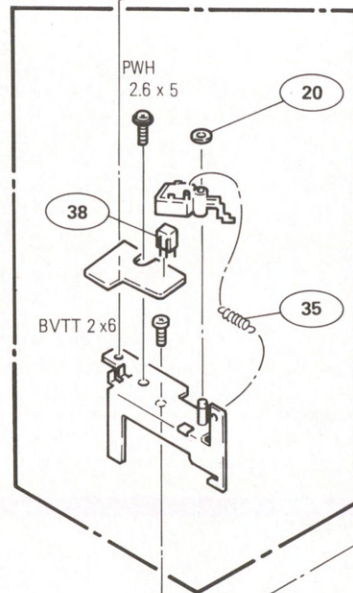
- (3) The parts marked with **s** in the SP (Supply Code) column of the exploded views and electrical spare parts lists are normally stocked for replacement purposes. The parts marked with **o** in the SP column are not normally required for routine service work. Orders for parts marked with **o** will be processed, but allow for additional delivery time.
- (4) Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- (5) All resistors are in ohms.

14-2. EXPLODED VIEWS

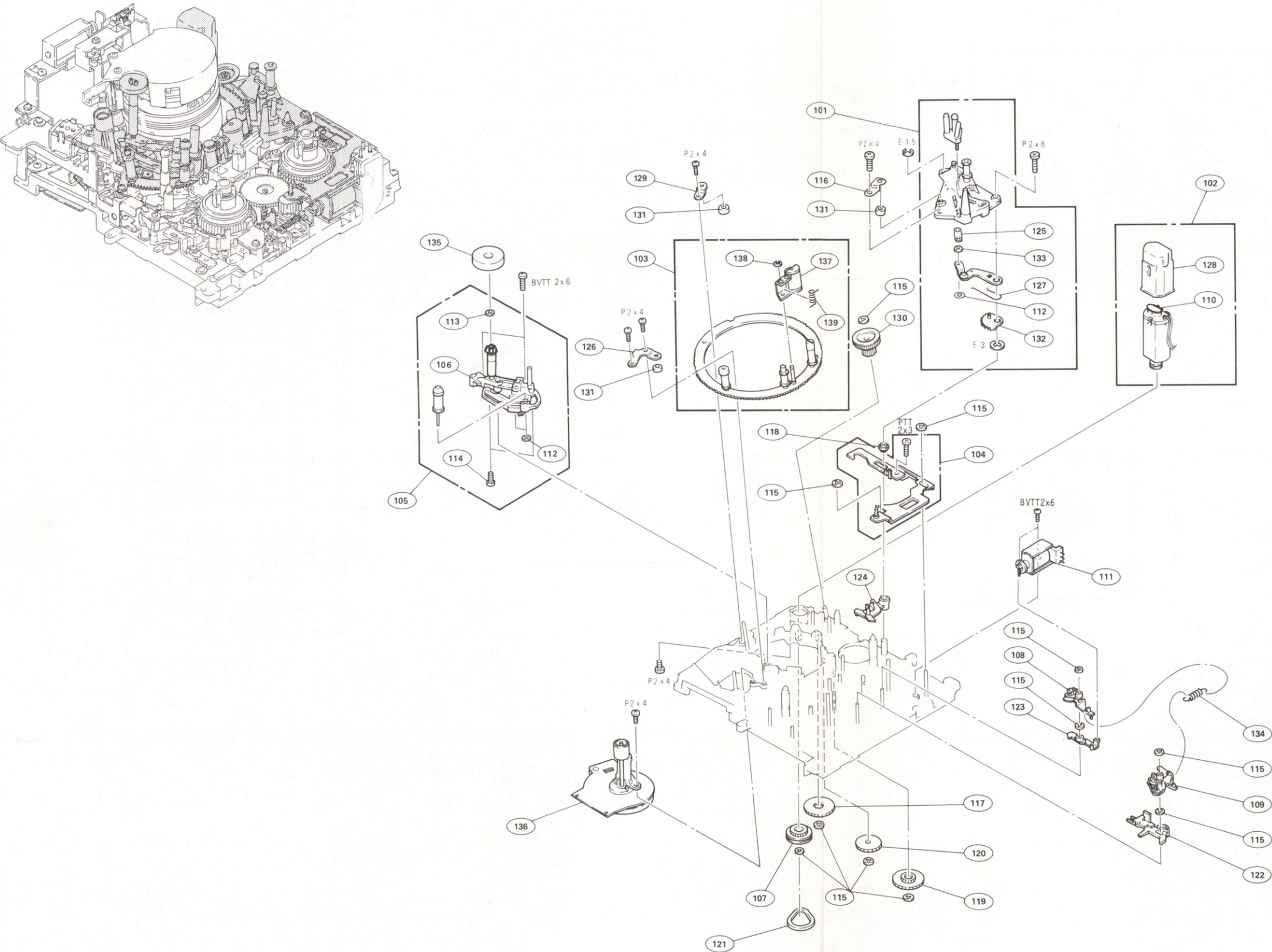
- Exploded views are composed of the following blocks.

(1) Reel Table Block	14-3	(6) Cassette-up Compartment Block (2)	14-8
Tension Regulator Arm Assembly			
T Reel Table		(7) Function Control Chassis Block	14-9
S Reel Table		Function Control Panel	
Cleaning Roller Assembly		Search Dial Block	
Sensor Assembly			
(2) Threading Ring and Tape Path Blocks	14-4	(8) Connector Panel Block	14-10
Slant Guide Block			
Threading Motor		(9) Main Shassis Block	14-11
Loading Ring		Switching Regulator	
T Main Brake		Mounted Circuit Boards	
S Main Brake			
Capstan Motor		(10) Ornamental Panel Block	14-12
Entrance Guide (K) Assembly		Top Plate	
		Front Panel	
(3) Head Drum and Threading Control Blocks	14-5	Key Panel	
Head Drum		Side Plate	
L Slider Assembly		Bottom Plate	
Tape Guides		Window Assembly	
Pinch Press Lever			
L-switch Assembly		(11) Card Rack Block	14-13
		Mounted Circudt Boards	
(4) Mechanism Control Block	14-6		
M-switch Assembly			
T. S Brake			
REW Brake			
S Hard Brake			
M. Slider			
Reel Motor			
(5) Cassette-up Compartment Block (1)	14-7		
FL Motor (Cassette Loading)			
Tape TOP/END sensor			
RF Shield Plate			

This is a detailed exploded view diagram of a mechanical assembly, possibly a watch movement or a small engine component. The diagram shows a variety of parts including gears of different sizes, levers, springs, and a large central cylindrical component. The parts are arranged in a way that illustrates their relative positions and how they fit together. The drawing is a technical line drawing with some shading to indicate depth and form.

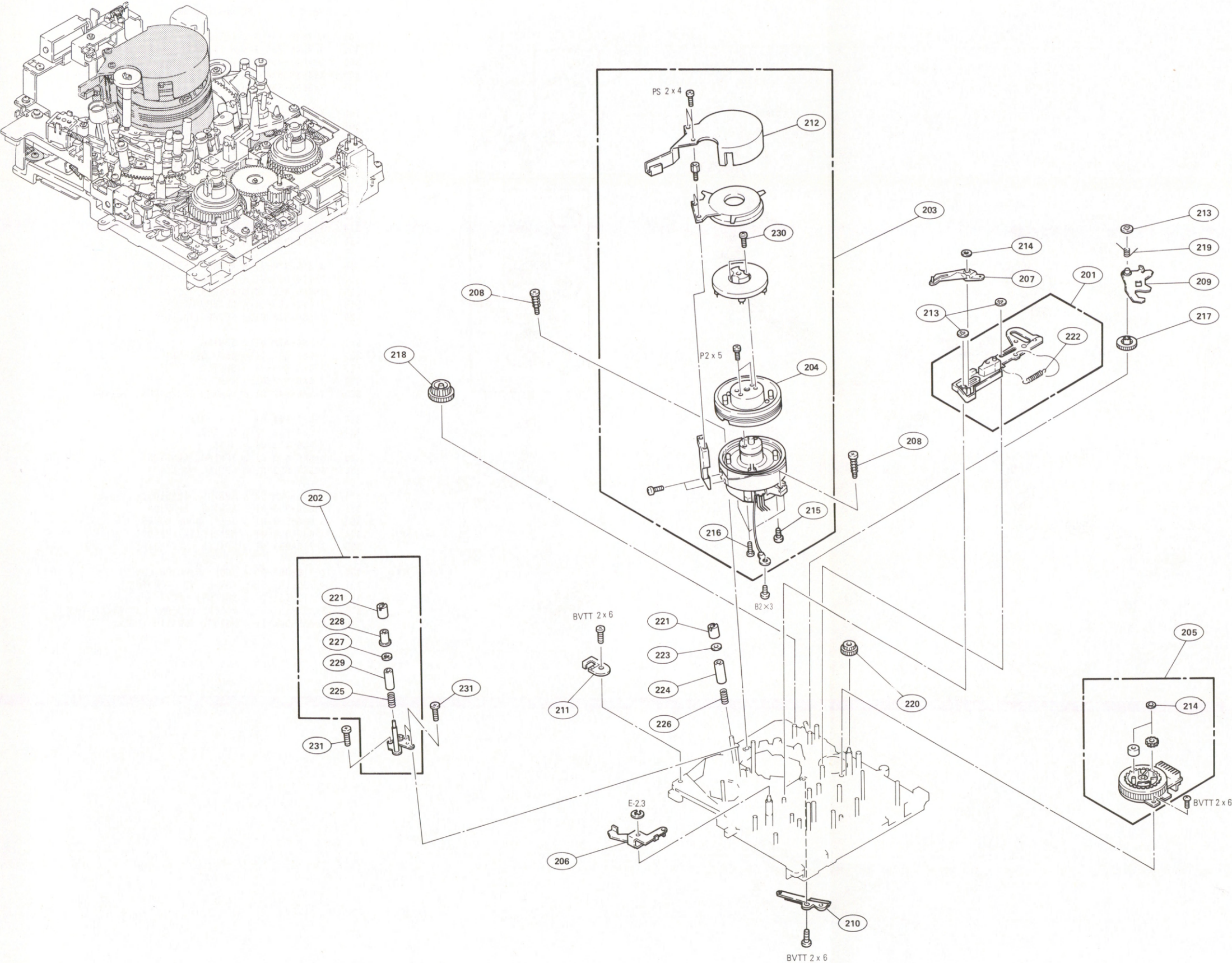


Threading Ring and Tape Path Blocks



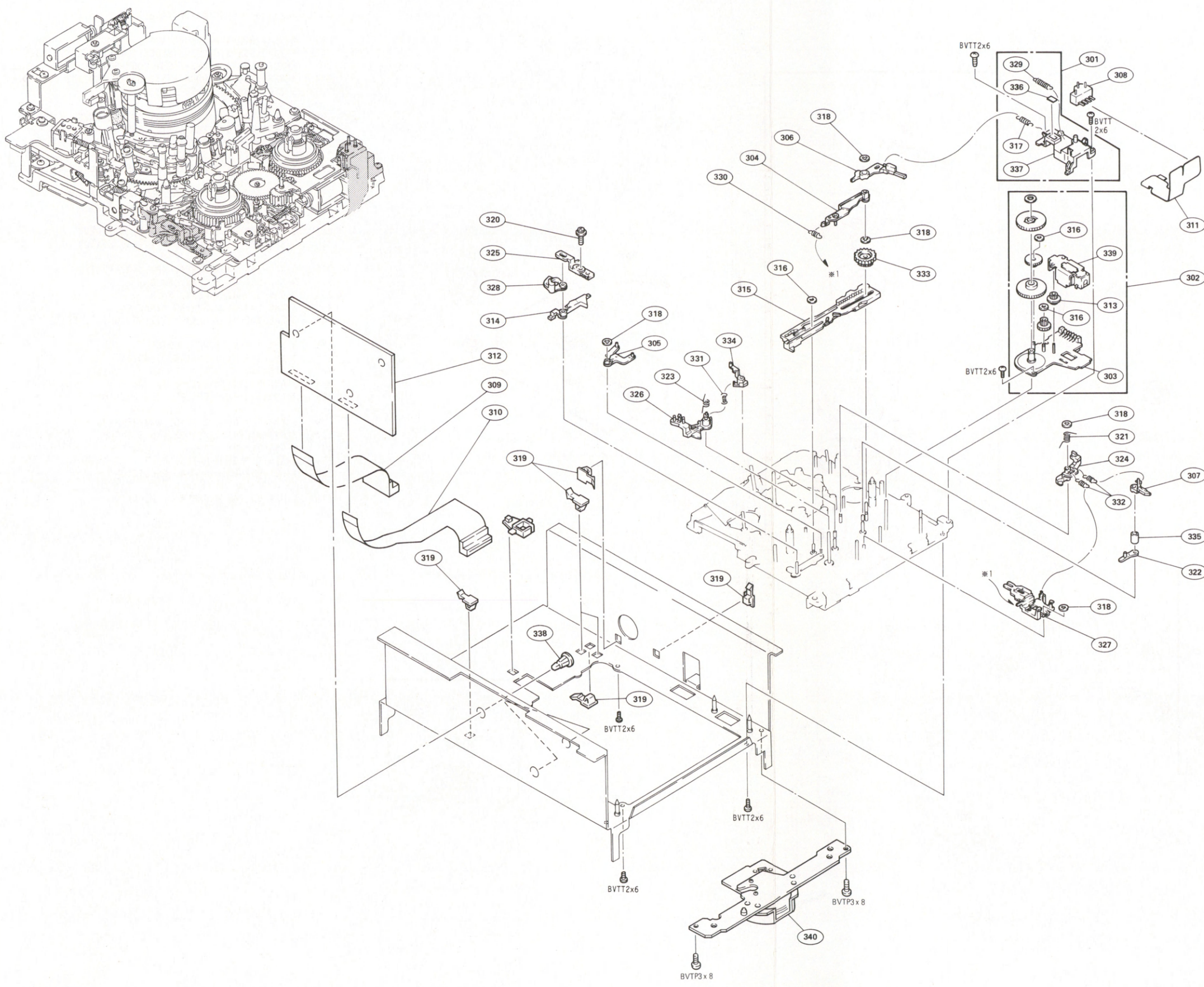
No.	Part No.	SP Description
101	A-7040-001-A	s GUIDE BLOCK ASSY. SLANT
102	A-7040-065-A	s MOTOR ASSY. L (THREADING)
103	A-7040-123-A	s RING ASSY. LOADING
104	A-7040-199-A	s SLIDER (M) BLOCK ASSY. LOCK
105	A-7040-294-A	s GUIDE (K) ASSY. ENTRANCE
106	X-3166-287-1	s V BLOCK (K) ASSY. ENTRANCE
107	X-3686-514-1	s GEAR ASSY. No.1
108	X-3686-574-1	s BRAKE ASSY. MAIN, TAKE-UP
109	X-3713-429-1	s BRAKE ASSY. MAIN, S
110	1-161-057-00	s CAP, CERAMIC 0.033MFX
111	1-454-377-21	s SOLENOID, PLUNGER (BLAKE)
112	3-315-384-31	s WASHER, STOPPER
113	3-315-414-00	s WASHER
114	3-316-938-31	s SCREW (B1.4x4), TAPPING
115	3-669-465-00	s WASHER (1.5), STOPPER
116	3-686-503-01	o RETAINER, ROLLER
117	3-686-508-01	s GEAR, No.2
118	3-686-537-01	s RETAINER, LOCK SLIDER
119	3-686-544-01	s GEAR, No.4
120	3-686-545-01	s GEAR, No.3
121	3-686-546-01	s BELT, L-MOTOR
122	3-686-629-01	o SLIDER, SELECTION, UPPER & LOWER
123	3-686-635-01	o ARM, P
124	3-686-636-04	o ARM, T, S RELEASE
125	3-686-663-01	s WASHER, STOPPER, 2 GANG
126	3-686-675-01	o STOPPER, RING
127	3-686-701-01	s SPRING
128	3-686-757-01	o CAP, SHIELD, L-MOTOR
129	3-686-911-01	o PLATE, TOP, ROLLER
130	3-697-518-01	s GEAR, No.10
131	3-697-538-01	s ROLLER, RING
132	3-699-509-01	s GEAR, SECTOR
133	3-701-436-21	s WASHER, POLYETHYLENE
134	3-713-560-01	s SPRING, TENSION
135	3-722-153-01	s FLY WHEEL
136	8-835-364-01	s MOTOR, DC (BHF-2802B) (CAPSTAN)
137	X-3686-576-1	s ARM ASSY. PINCH ROLLER
138	3-315-384-31	s WASHER, STOPPER (2.5)
139	3-726-704-01	o SPRING, TORSION (0.29)

Head Drum and Threading Control Blocks



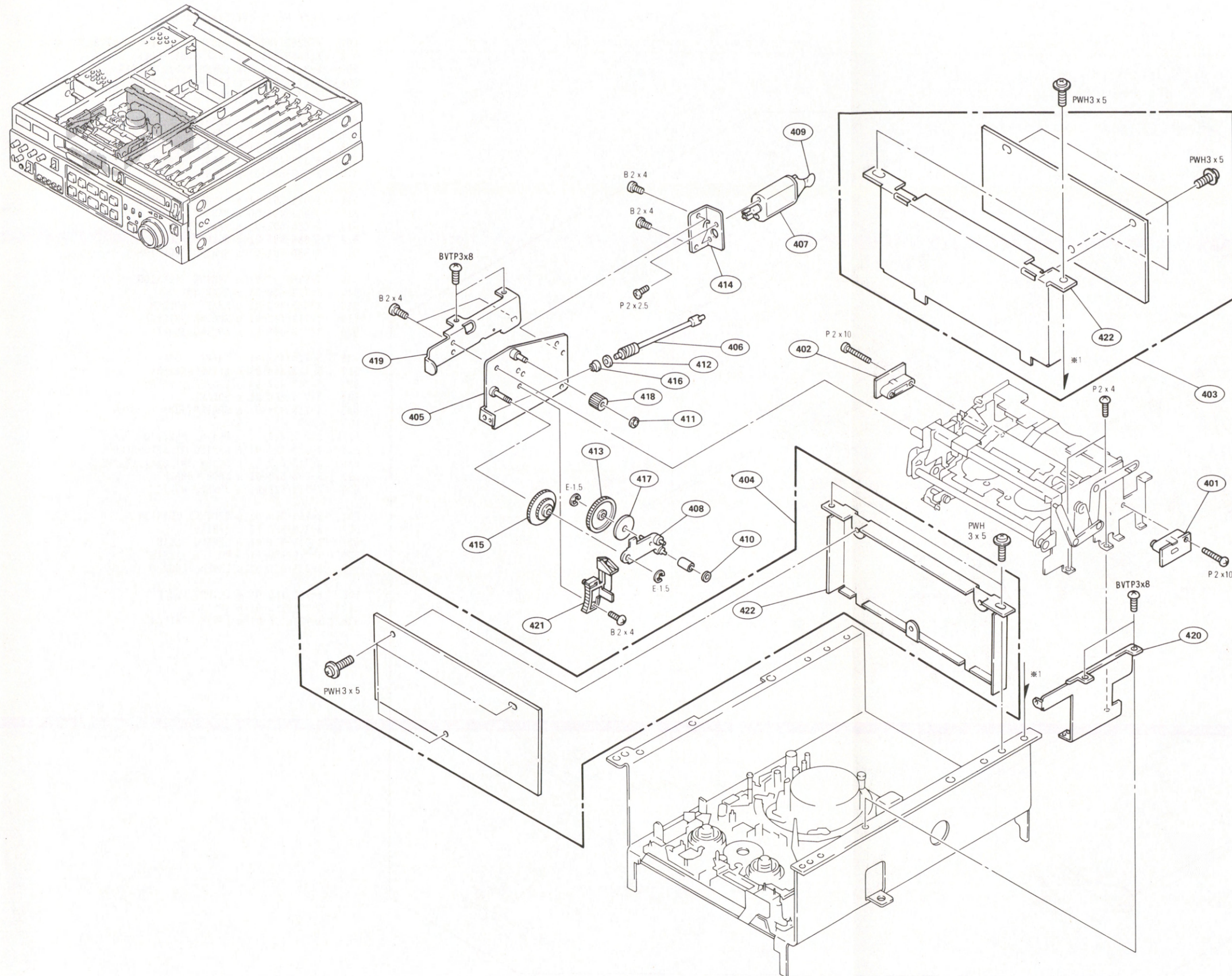
No.	Part No.	SP Description
201	A-7040-010-A	o SLIDER ASSY. L
202	A-7040-058-A	s GUIDE BLOCK COMPLETE ASSY. #5
203	A-8260-395-A	s DRUM ASSY. (DGH-97A-R)
204	A-8260-396-A	s DRUM ASSY. UPPER, ROTARY (DGR-97-R)
205	X-3166-289-1	s L-SW ASSY
206	X-3686-509-1	o LEVER ASSY. PINCH PRESS
207	X-3686-518-3	o ARM ASSY. TENSION REGULATOR
208	X-3686-569-1	s SCREW ASSY. FITTING
209	X-3686-579-1	s CHANGE ASSY. DRIVE
210	1-535-535-11	s TERMINAL, SHAFT GROUND
211	1-806-682-00	s SENSOR, DEW CONDENSATION
212	3-176-836-01	o COVER, DRUM
213	3-315-384-31	s WASHER, STOPPER
214	3-669-465-00	s WASHER (1.5), STOPPER
215	3-686-423-01	s SCREW, FITTING, STATOR
216	3-686-458-03	s SCREW, (P1.4x3.5), TAPPING
217	3-686-535-01	s GEAR, No.8
218	3-686-539-01	s GEAR, No.9
219	3-686-540-01	s SPRING, TORSION
220	3-686-702-01	s GEAR, DRIVING, GUIDE, SLANT
221	3-686-724-01	s NUT, GUIDE
222	3-686-886-01	s SPRING, TENSION
223	3-686-894-02	o FLANGE, #3, #4 GUIDE
224	3-686-912-01	s GUIDE, #3, #4
225	3-699-514-01	s SPRING, COMPRESSION
226	3-699-609-01	s SPRING, COMPRESSION
227	3-699-512-01	s FLANGE, No.5 GUIDE
228	3-699-513-01	s BOSS, No.5 GUIDE
229	3-699-515-01	s GUIDE, No.5
230	7-627-552-57	s SCREW, PRECISION
231	7-627-553-48	s SCREW, (+P2x4)

Mechanism Control Block



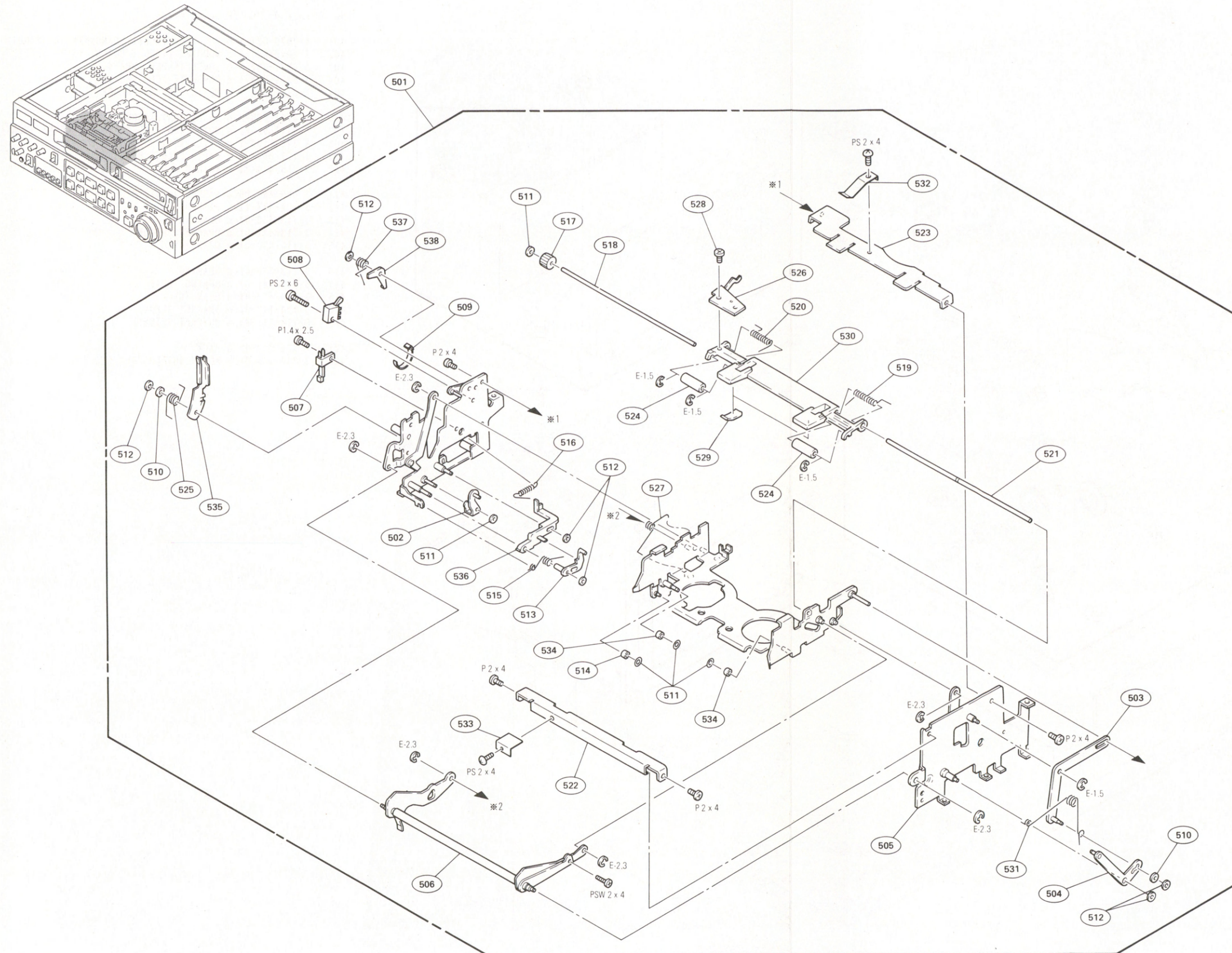
No.	Part No.	SP Description
301	A-7040-198-A	s COVER (M) ASSY. C MOTOR
302	A-7040-293-A	s M-SW ASSY
303	A-7071-498-A	o MOUNTED CIRCUIT BOARD, MS-36
304	X-3686-528-4	o ARM ASSY. B RELEASE
305	X-3686-530-1	o ARM (A) ASSY. SELECTION
306	X-3711-987-2	s BRAKE ASSY. T.S
307	X-3711-993-1	s BRAKE ASSY. REW
308	1-572-298-21	s SWITCH, PUSH (REC PROOF/MPHG/ME/MP)
309	A-7070-624-A	o FP-84 MOUNTED CIRCUIT BOARD, (FLEXIBLE)
310	A-7070-625-A	o FP-122 MOUNTED CIRCUIT BOARD, (FLEXIBLE)
311	1-630-923-11	o FP-206 FLEXIBLE BOARD
312	1-642-953-11	o PRINTED CIRCUIT BOARD, CN-551
313	3-172-901-01	s WHEEL, WORM
314	3-172-908-01	o ARM, MODE
315	3-172-909-01	s SLIDER, M
316	3-315-384-31	s WASHER, STOPPER
317	3-714-035-01	s SPRING, TENSION
318	3-669-465-00	s WASHER (1.5), STOPPER
319	3-671-150-11	o CLAMP
320	3-686-528-01	s SCREW (2x2.6)
321	3-686-579-01	s SPRING
322	3-686-580-01	o ARM, SET-UP
323	3-686-603-04	s SPRING
324	3-686-634-01	o ARM, RL
325	3-686-642-01	o PLATE, ADJUSTMENT, BAND
326	3-686-644-01	o ARM, BAND
327	3-686-656-01	o SLIDER, B RELEASE
328	3-686-755-01	s DISK, EJECT
329	3-686-882-01	s SPRING, TENSION
330	3-686-903-01	s SPRING, TENSION
331	3-686-905-02	s SPRING, TENSION
332	3-686-906-01	s SPRING, TENSION
333	3-686-909-01	s GEAR, MODE OUTPUT
334	3-686-996-01	s BRAKE (S), HARD
335	3-716-933-01	s SPACER, REW BRAKE
336	3-716-963-01	s SHOE, C MOTOR COVER
337	3-739-107-02	s COVER (M), C MOTOR
338	4-912-181-11	o SUPPORT, PC
339	8-835-138-01	s MOTOR, DC (DNR-5301B) (CONTROL)
340	8-835-304-11	s MOTOR, DCU-11B (REEL)

Cassette Up Compartment Block (1)



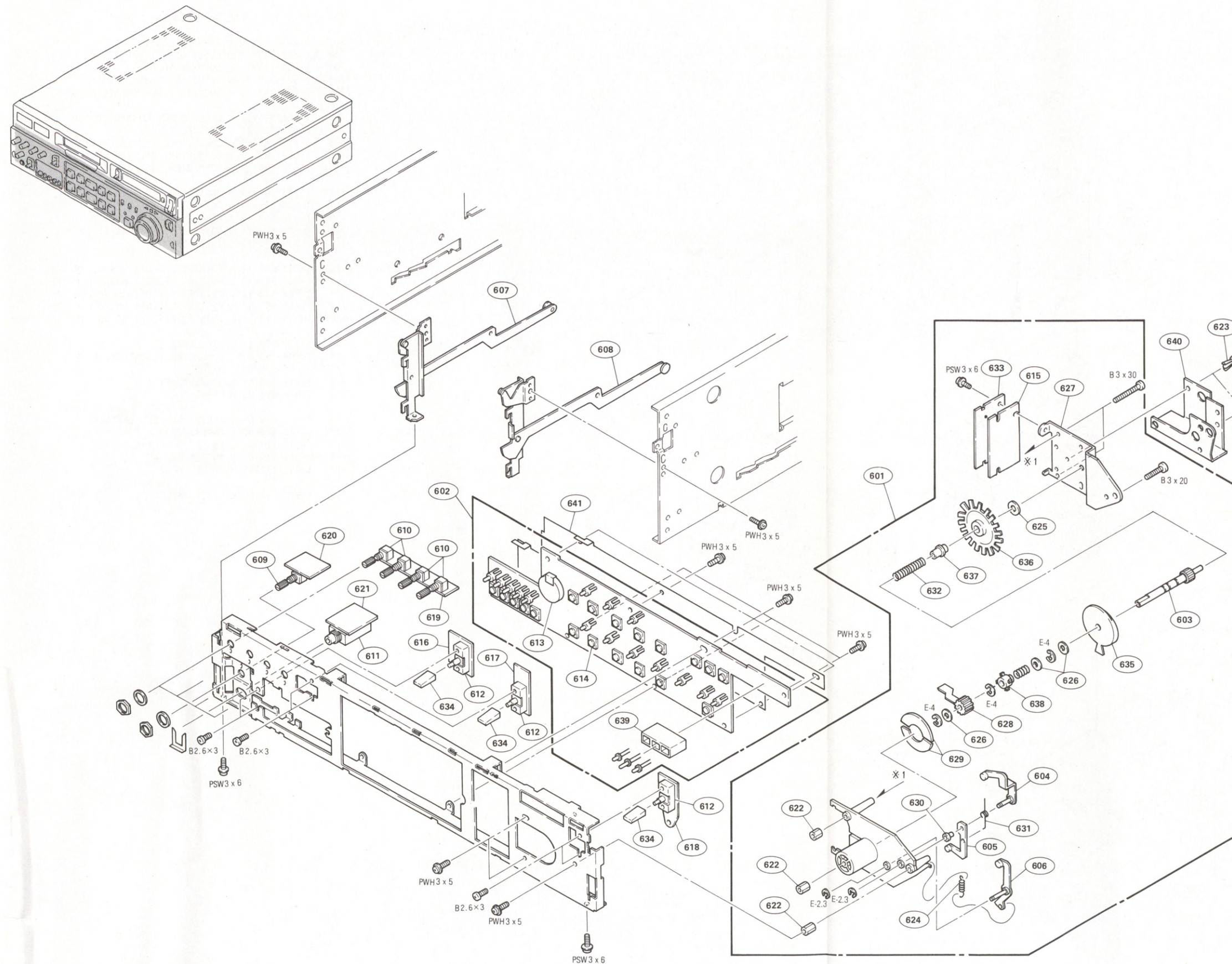
No.	Part No.	SP Description
401	A-7070-627-A	o MOUNTED CIRCUIT BOARD, TS-74 (RIGHT)
402	A-7070-628-A	o MOUNTED CIRCUIT BOARD, TS-74 (LEFT)
403	A-8271-232-A	o COMPLETE PCB, VRA-4
404	A-8271-233-A	o COMPLETE PCB, PRE-10
405	X-3711-934-1	o PLATE SUB ASSY BLOCK
406	X-3711-935-3	s SHAFT ASSY, WORM
407	X-3711-936-1	s MOTOR ASSY, FL (CASSETTE COMPARTMENT)
408	X-3714-193-1	s LEVER ASSY (B), GEAR
409	1-161-057-00	s CAP, CERAMIC 0.033MFX
410	3-315-414-31	s WASHER
411	3-669-465-00	s WASHER (1.5), STOPPER
412	3-701-437-11	s WASHER
413	3-713-430-01	s GEAR (B)
414	3-713-431-01	o BRACKET, MOTOR
415	3-713-433-01	s GEAR (A)
416	3-713-439-01	s BEARING
417	3-713-441-01	o SPRING, LEAF
418	3-713-452-01	s GEAR (C)
419	3-724-140-01	o BRACKET (LEFT)
420	3-724-141-01	o BRACKET (RIGHT)
421	3-724-913-03	s RACK
422	3-947-136-01	o PLATE SHIELD, RF

Cassette Up Compartment Block (2)



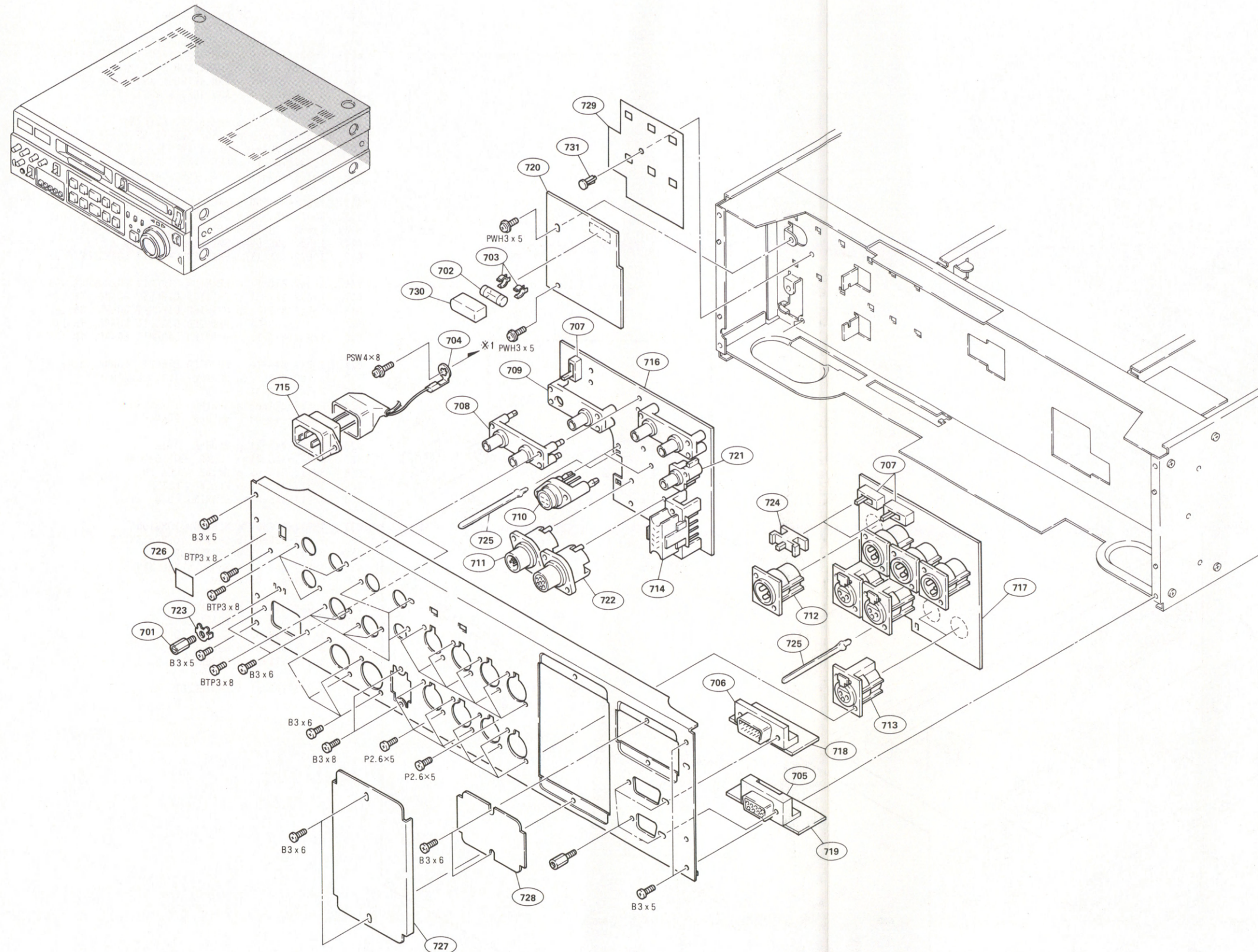
No.	Part No.	SP Description
501	A-8262-783-A	s CASSETTE COMPARTMENT BLOCK ASSY
502	X-3686-541-1	o CLAW ASSY. LOCK
503	X-3711-930-1	s LEVER ASSY. HOLDER
504	X-3711-931-4	s LEVER ASSY. DOOR
505	X-3711-932-1	o PLATE (A) ASSY. SIDE
506	X-3711-937-1	o JOINT ASSY
507	1-553-226-00	s SWITCH. LEAF
508	1-570-407-11	s SWITCH. SLIDE
509	3-337-402-01	o BAND. BINDING
510	3-533-073-01	s WASHER
511	3-578-265-11	s WASHER. STOPPER
512	3-669-465-00	s WASHER (1.5). STOPPER
513	3-686-692-01	s PREVENTION. SLIDER
514	3-686-693-01	o ROLLER. LOCK
515	3-686-694-01	s SPRING. TORTION
516	3-696-047-01	s SPRING. TENSION
517	3-713-429-01	s GEAR (D)
518	3-713-440-01	o SHAFT. ROLLER
519	3-713-442-01	s SPRING (RIGHT)
520	3-713-445-01	s SPRING (LEFT)
521	3-713-457-01	o SHAFT. JOINT
522	3-713-458-01	o REINFORCEMENT
523	3-713-462-03	o STOPPER. HOLDER
524	3-713-466-01	s ROLLER
525	3-713-488-01	s SPRING (2). TORSION
526	3-713-492-01	s PLATE. FUNCTION. LEVER
527	3-713-620-01	s SPRING (1). TORSION
528	3-713-622-01	s SCREW (M1.3x4). TAPPING. 0
529	3-713-625-01	s SHOE. BRAKE
530	3-713-626-01	s COVER. MULTI
531	3-713-628-01	s SPRING. TORSION
532	3-713-658-01	s SPRING
533	3-716-921-01	s SPRING. LEAF
534	3-719-590-01	s ROLLER. ASSIST
535	3-721-125-01	s LEVER. LOCK
536	3-721-136-01	s SLIDER. LOCK
537	3-721-163-01	s SPRING
538	3-721-166-01	s LEVER. SWITCH

Function Control Chassis Block



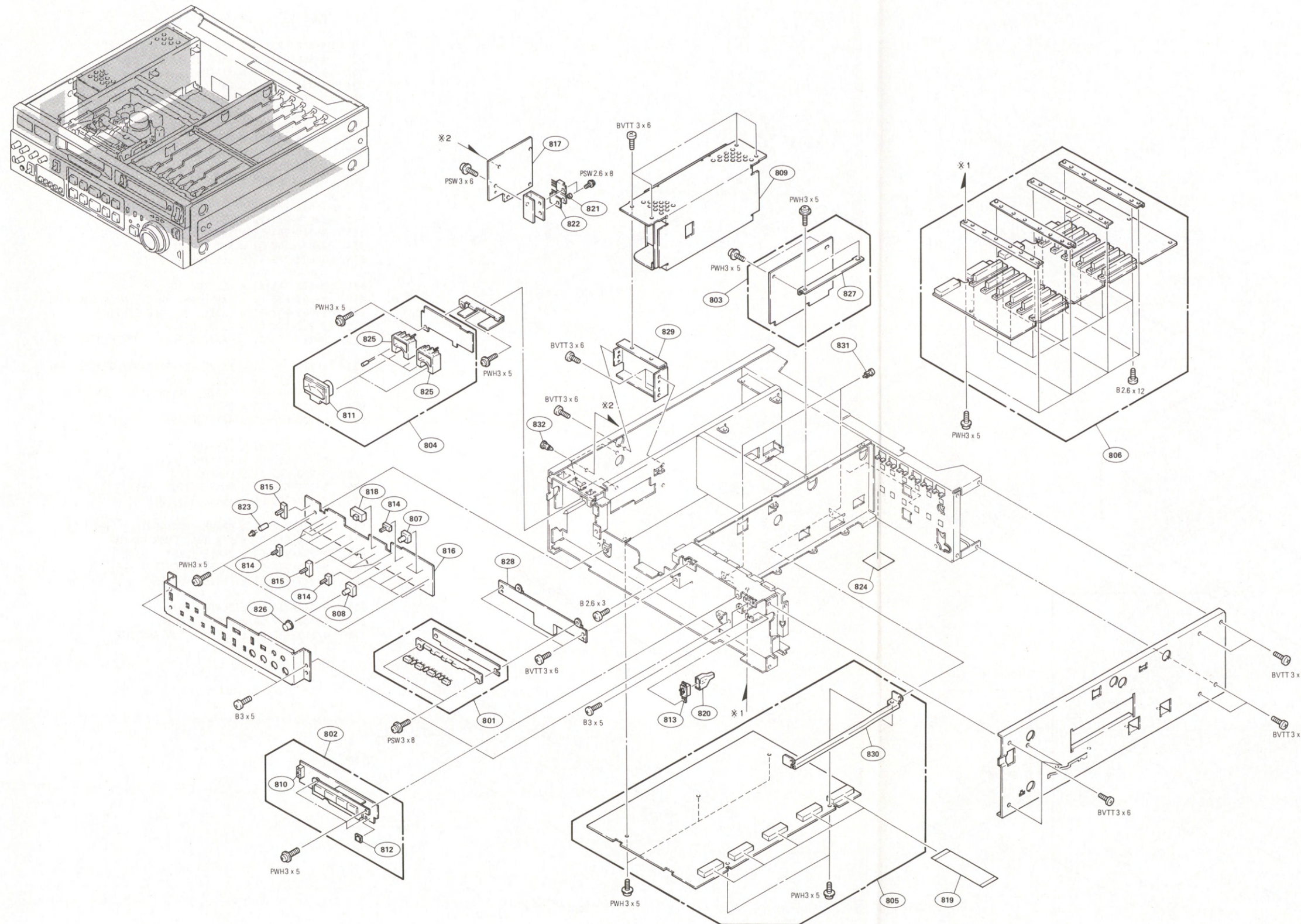
No.	Part No.	SP Description
601	A-6734-238-C	s DIAL BLOCK ASSY, SERCH
602	A-8271-230-A	o MOUNTED CIRCUIT BOARD, KY-217
603	X-3717-226-1	o SHAFT SUB ASSY, MAIN
604	X-3717-227-1	o ARM (RIGHT) ASSY, S10
605	X-3717-228-1	o ARM (LEFT) ASSY, S10
606	X-3717-229-1	o ARM ASSY, RETURN
607	X-3738-903-1	o HINGE (LEFT) ASSY
608	X-3738-904-1	o HINGE (RIGHT) ASSY
609	1-237-703-11	s RES. VAR. CARBON 2k/2k
610	1-238-483-11	s RES. VAR. CARBON 5k
611	1-507-854-00	s JACK, LARGE TYPE
612	1-516-961-00	s SWITCH, LEVER SLIDE
613	1-528-229-11	o BATTERY, LITHIUM (CR-2450)
614	1-552-539-00	s SWITCH, KEY BOARD
615	1-622-638-11	o PRINTED CIRCUIT BOARD, PTC-32
616	1-642-870-11	o PRINTED CIRCUIT BOARD, SW-466
617	1-642-871-11	o PRINTED CIRCUIT BOARD, SW-540
618	1-642-872-11	o PRINTED CIRCUIT BOARD, SW-543
619	1-642-873-11	o PRINTED CIRCUIT BOARD, VR-122
620	1-642-874-11	o PRINTED CIRCUIT BOARD, VR-130
621	1-642-875-11	o PRINTED CIRCUIT BOARD, HP-52
622	2-280-622-11	o SUPPORT (M3), HEXAGON
623	3-531-576-01	s RIVET
624	3-639-371-00	s SPRING, TENSION
625	3-662-048-00	s WASHER, BRACKET
626	3-701-443-21	s WASHER, 5DIA.
627	3-717-315-01	o PLATE, BOTTOM, SD
628	3-717-316-03	o GUIDE, LOCK IN
629	3-717-317-01	o PLATE, CLUTCH
630	3-717-318-01	o BEARING, S10
631	3-717-319-01	o SPRING, TORSION
632	3-717-320-01	o SPRING, COMPRESSION
633	3-717-321-01	o PROTECTOR, PIC
634	3-717-382-01	s KNOB, LEVER SW
635	3-717-417-01	o CAM
636	3-717-418-01	o PLATE
637	3-717-553-01	o BEARING, SD
638	3-717-546-02	o GUIDE, LOCK OUT
639	3-718-657-01	o HOLDER, LED
640	3-718-771-01	o COVER (U), SD
641	3-947-152-01	o PROTECTOR, KY

Connector Panel Block



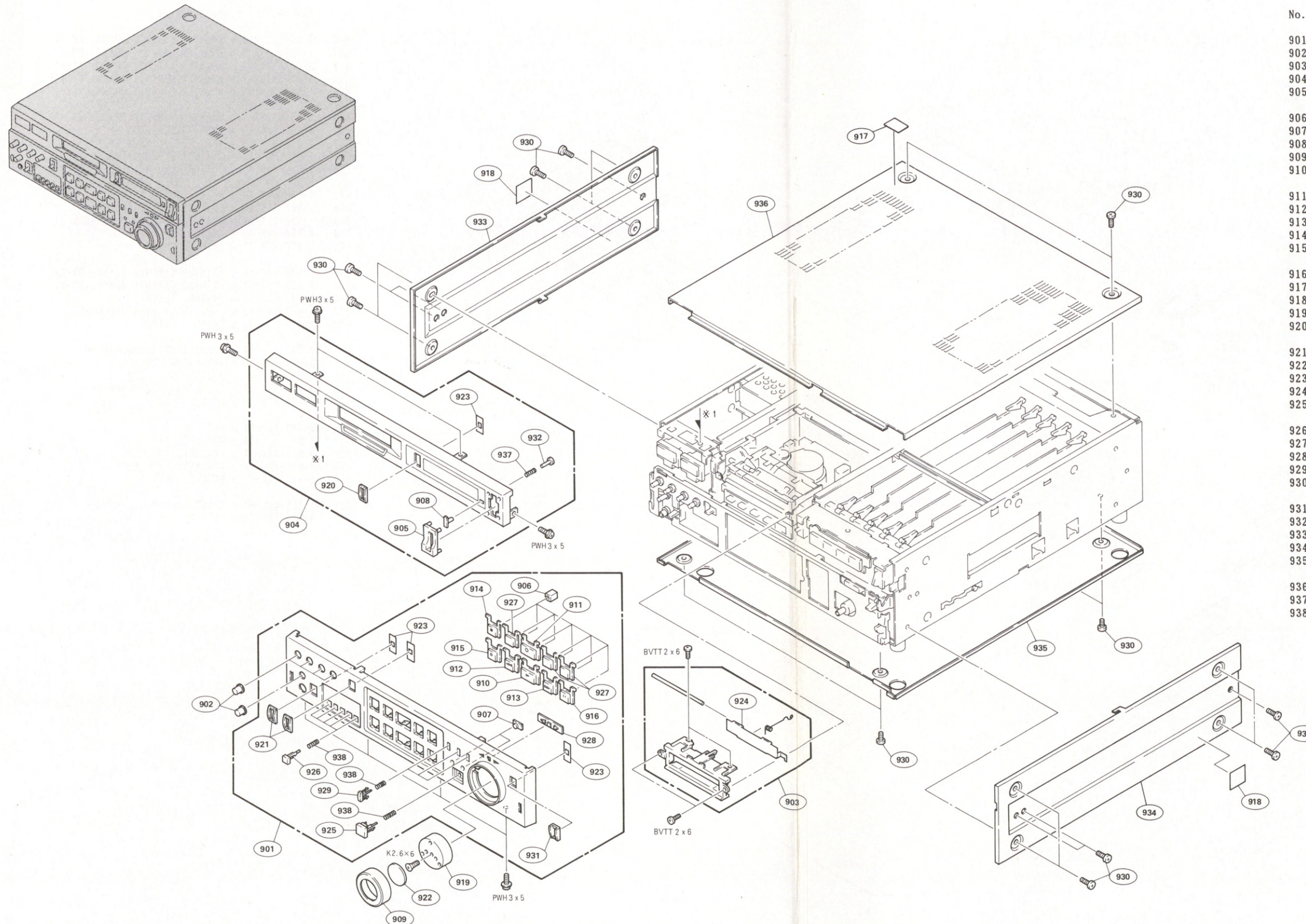
No.	Part No.	SP Description
701	X-2068-004-0	s TERMINAL ASSY
702	Δ 1-532-743-11	s FUSE, GLASS TUBE 2A
703	1-533-189-11	s HOLDER, FUSE
704	1-535-316-11	s TERMINAL, GROUND (M4)
705	1-563-770-11	s SOCKET, D-SUB CONNECTOR 9P
706	1-566-319-11	o PLUG, D-SUB CONNECTOR 15P
707	1-570-145-11	s SWITCH, SLIDE
708	1-573-582-11	s CONNECTOR, BNC (RECEPTACLE)
709	1-573-583-11	s CONNECTOR, BNC (RECEPTACLE)
710	1-573-590-12	s CONNECTOR, (S) TERMINAL 4P
711	1-573-591-11	s CONNECTOR, (R-F)
712	1-573-594-11	s CONNECTOR, XLR TYPE 3P
713	1-573-593-11	s CONNECTOR, XLR TYPE 3P
714	1-573-602-11	s CONNECTOR, (DIP TYPE) 8P
715	Δ 1-580-375-11	s INLET 3P
716	1-642-967-11	o PRINTED CIRCUIT BOARD, CP-176
717	1-642-968-11	o PRINTED CIRCUIT BOARD, CP-177
718	1-642-970-11	o PRINTED CIRCUIT BOARD, RM-101
719	1-642-971-11	o PRINTED CIRCUIT BOARD, RM-122
720	1-643-013-11	o PRINTED CIRCUIT BOARD, AC-121
721	1-691-273-11	s JACK, PIN 1P
722	1-695-195-11	s CONNECTOR (ROUND TYPE) 7P
723	2-068-008-00	s WASHER
724	3-171-450-01	o ADAPTOR, SW
725	3-683-631-01	o CLAMP
726	3-703-848-01	o LABEL (N), SUB CAUTION
727	3-733-627-01	o COVER, IF
728	3-947-113-01	o PANEL, TC BLANK
729	3-947-116-01	o INSULATOR, AC
730	4-601-472-00	o COVER, FUSE
731	4-818-403-00	s RIVET, NYLON

Main Shassis Block



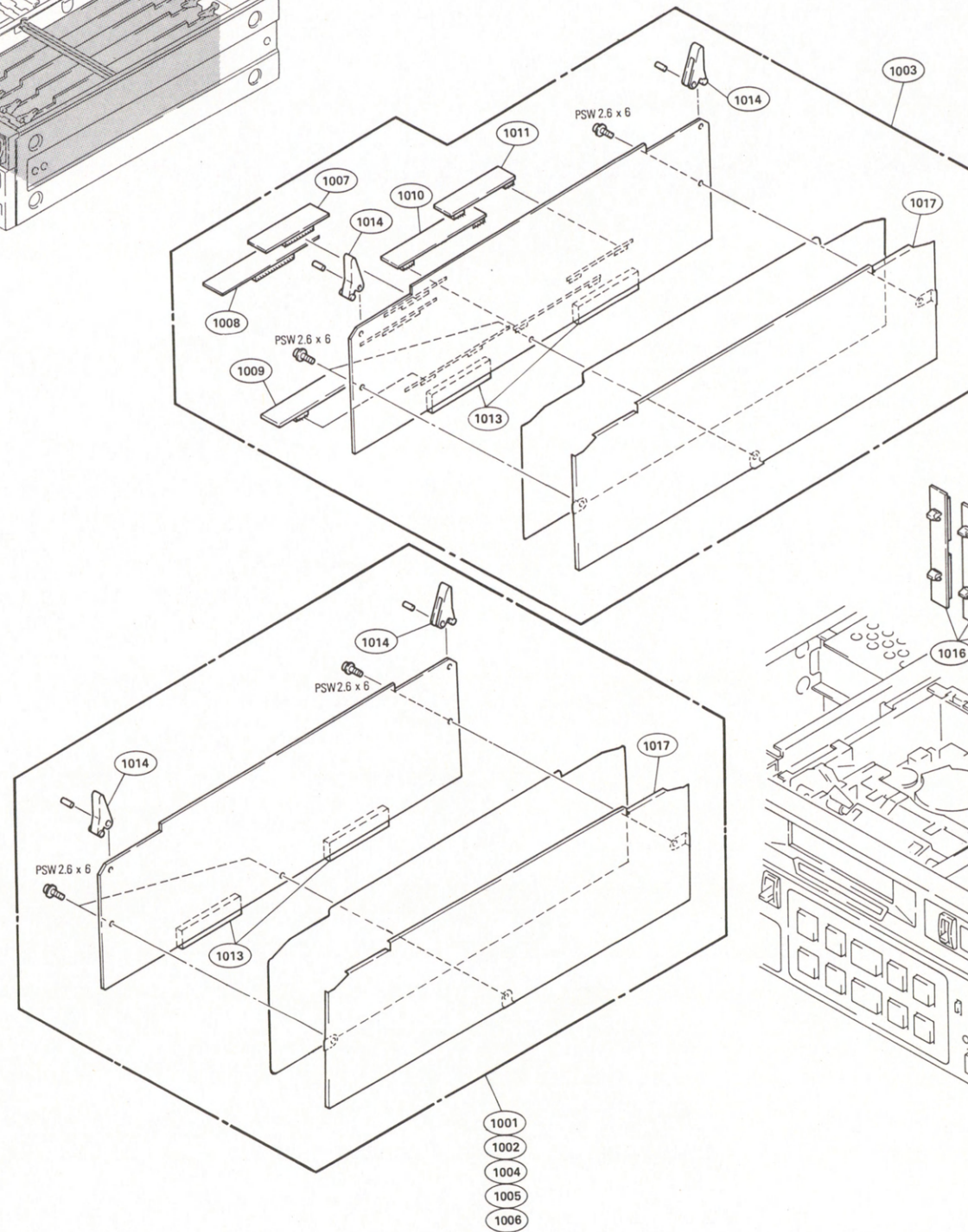
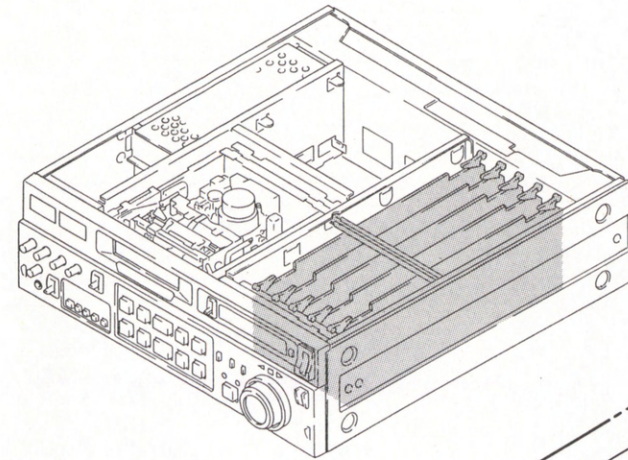
No.	Part No.	SP Description
801	A-7061-770-A	o MOUNTED CIRCUIT BOARD, LP-52
802	A-7061-772-A	o MOUNTED CIRCUIT BOARD, DD-12
803	A-8271-222-A	o MOUNTED CIRCUIT BOARD, AA-57
804	A-8271-224-A	o MOUNTED CIRCUIT BOARD, MT-57A
805	A-8271-231-A	o MOUNTED CIRCUIT BOARD, SST-2
806	A-8276-261-A	o MOUNTED CIRCUIT BOARD, MB-356
807	1-241-856-11	s RES. VAR. CARBON 5k
808	1-241-918-11	s RES. VAR. CARBON 5k
809	1-413-731-11	s SWITCHING REGULATOR
810	1-516-995-00	s SWITCH, LEVER SLIDE
811	1-520-506-11	s METER, AUDIO LEVEL
812	1-552-539-00	s SWITCH, KEY BOARD
813	1-570-117-41	s SWITCH, ROCKER (AC POWER)
814	1-570-145-11	s SWITCH, SLIDE
815	1-572-374-11	s SWITCH, SLIDE
816	1-642-952-11	o PRINTED CIRCUIT BOARD, SW-467
817	1-643-015-11	o PRINTED CIRCUIT BOARD, DC-57
818	1-692-077-11	s SWITCH, SLIDE
819	1-696-147-11	s CORE, FLAT TYPE (26 CORE)
820	2-269-962-00	s COVER, SWITCH
821	2-371-561-00	s BUSHING (P), INSULATING
822	3-334-236-01	s INSULATOR, TO-220
823	3-697-607-01	o HOLDER (SU), LED
824	3-703-848-01	o LABEL (N), SUB CAUTION
825	3-738-923-01	o HOLDER, LED
826	3-947-117-01	s KNOB, VOL
827	3-947-125-01	o BRACKET, AA
828	3-947-131-01	o BRACKET, LP
829	3-947-132-01	o BRACKET, SW'G REG
830	3-947-144-01	o BRACKET, SST
831	4-818-403-00	s RIVET, NYLON
832	4-912-181-11	o SUPPORT, PC

Ornamental Panel Block



No.	Part No.	SP Description
901	A-8262-334-A	o PANEL BLOCK ASSY. KEY
902	X-3668-075-0	s KNOB ASSY. CONTROL
903	X-3738-905-1	o WINDOW ASSY
904	X-3941-440-1	o PANEL ASSY. FRONT
905	2-251-642-00	s GUARD. POWER SWITCH
906	2-284-744-00	o CUSHION (B). KEY
907	3-648-149-41	o COVER (DIA.4). LAMP
908	3-668-008-02	s PUSH BUTTON (3x5)
909	3-668-012-03	s RUBBER. DIAL KNOB
910	3-672-782-02	s KEY TOP (A)
911	3-672-782-11	s KEY TOP (A)
912	3-672-783-02	s KEY TOP (B)
913	3-672-783-12	s KEY TOP (B)
914	3-672-783-32	s KEY TOP (B)
915	3-672-783-42	s KEY TOP (B)
916	3-672-783-52	s KEY TOP (B)
917	3-703-845-01	o LABEL (N) (U/C). MAIN CAUTION
918	3-703-848-01	o LABEL (N). SUB CAUTION
919	3-717-370-01	o KNOB. DIAL
920	3-717-374-01	o FRAME (23x12). ORNAMENTAL. SW
921	3-717-375-01	o FRAME (18x12). ORNAMENTAL. SW
922	3-717-557-01	o PLATE. KNOB
923	3-717-613-01	o PLATE. ORNAMENTAL. LSW
924	3-721-101-73	o DOOR
925	3-733-602-01	s KEY TOP (S)
926	3-733-603-01	s KEY TOP
927	3-733-604-01	s KEY TOP (PC)
928	3-733-605-01	s COVER. LED
929	3-733-606-01	s PUSH BUTTON (5x9)
930	3-733-690-01	s +B4x6 (CU. NI)
931	3-738-907-01	s FRAME. ORNAMENTAL. LEVER SW
932	3-738-912-01	s PIN (9). PUSH BUTTON
933	3-738-925-03	o PLATE (LEFT). SIDE
934	3-738-926-03	o PLATE (RIGHT). SIDE
935	3-947-146-01	o PLATE. BOTTOM
936	3-947-148-01	o PLATE. TOP
937	4-309-349-00	s SPRING. COIL
938	4-866-613-00	s SPRING. COMPRESSION

Card Rack Block



CARD RACK BLOCK CARD RACK BLOCK

No.	Part No.	SP Description
1001	A-8271-223-A	o MOUNTED CIRCUIT BOARD, AU-156
1002	A-8271-225-A	o MOUNTED CIRCUIT BOARD, MD-81
1003	A-8271-226-A	o MOUNTED CIRCUIT BOARD, DM-87
1004	A-8271-227-A	o MOUNTED CIRCUIT BOARD, AU-157
1005	A-8271-228-A	o MOUNTED CIRCUIT BOARD, VA-111
1006	A-8271-229-A	o MOUNTED CIRCUIT BOARD, TBC-21
1007	A-8276-243-A	o MOUNTED CIRCUIT BOARD, CR-40
1008	A-8276-244-A	o MOUNTED CIRCUIT BOARD, CR-41
1009	A-8276-245-A	o MOUNTED CIRCUIT BOARD, FL-129
1010	A-8276-246-A	o MOUNTED CIRCUIT BOARD, FL-130
1011	A-8276-247-A	o MOUNTED CIRCUIT BOARD, FL-131
1012	X-3941-436-2	o RETAINER ASSY, PCB
1013	1-573-782-21	o CONNECTOR, PC BOARD (PLUG) 60P
1014	2-251-622-11	s LEVER PC. BOARD
1015	3-531-576-21	s RIVET
1016	3-177-768-01	s SUPPORT, PC BOARD
1017	3-947-151-01	o PLATE, SHIELD, CARD

14-3. ELECTRICAL PARTS LIST

AA-57 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-222-A	o MOUNTED CIRCUIT BOARD, AA-57
1pc	3-947-125-01	o BRACKET, AA
2pcs	7-682-903-01	s SCREW +PWH 3X5
C1	1-124-119-00	s ELECT 330uF 20% 16V
C2	1-124-119-00	s ELECT 330uF 20% 16V
C3	1-124-360-00	s ELECT 1000uF 20% 16V
C4	1-124-360-00	s ELECT 1000uF 20% 16V
C5	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C6	1-162-995-11	s CERAMIC, CHIP 0.022uF 50V
C7	1-162-995-11	s CERAMIC, CHIP 0.022uF 50V
C8	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C9	1-124-119-00	s ELECT 330uF 20% 16V
C51	1-124-119-00	s ELECT 330uF 20% 16V
C52	1-124-119-00	s ELECT 330uF 20% 16V
C53	1-124-119-00	s ELECT 330uF 20% 16V
C54	1-124-119-00	s ELECT 330uF 20% 16V
C55	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C56	1-162-995-11	s CERAMIC, CHIP 0.022uF 50V
C57	1-162-995-11	s CERAMIC, CHIP 0.022uF 50V
C58	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C59	1-124-119-00	s ELECT 330uF 20% 16V
C101	1-124-910-11	s ELECT 47uF 20% 50V
C102	1-124-910-11	s ELECT 47uF 20% 50V
C103	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C104	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C105	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C201	1-124-910-11	s ELECT 47uF 20% 50V
C202	1-124-910-11	s ELECT 47uF 20% 50V
C203	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C204	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C205	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C301	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C303	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C304	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C305	1-124-910-11	s ELECT 47uF 20% 50V
C306	1-124-910-11	s ELECT 47uF 20% 50V
C401	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C403	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C404	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C405	1-124-910-11	s ELECT 47uF 20% 50V
C406	1-124-910-11	s ELECT 47uF 20% 50V
C501	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C601	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C701	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C801	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
CN201	1-506-468-11	s CONNECTOR 3P, MALE
CN202	1-506-468-11	s CONNECTOR 3P, MALE
CN203	1-506-468-11	s CONNECTOR 3P, MALE
CN204	1-506-468-11	s CONNECTOR 3P, MALE
CN205	1-506-474-11	s CONNECTOR 9P, MALE
CN206	1-506-469-11	s CONNECTOR 4P, MALE
CN207	1-506-469-11	s CONNECTOR 4P, MALE
CN208	1-506-475-11	s CONNECTOR 10P, MALE
CN209	1-506-469-11	s CONNECTOR 4P, MALE
CN210	1-506-469-11	s CONNECTOR 4P, MALE
D101	8-719-106-35	s DIODE RD8.2M-B2
D102	8-719-106-35	s DIODE RD8.2M-B2
D103	8-719-106-35	s DIODE RD8.2M-B2

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Ref. No. or Q'ty	Part No.	SP Description
D104	8-719-106-35	s DIODE RD8.2M-B2
D201	8-719-106-35	s DIODE RD8.2M-B2
D202	8-719-106-35	s DIODE RD8.2M-B2
D203	8-719-106-35	s DIODE RD8.2M-B2
D204	8-719-106-35	s DIODE RD8.2M-B2
D301	8-719-106-35	s DIODE RD8.2M-B2
D302	8-719-106-35	s DIODE RD8.2M-B2
D303	8-719-106-35	s DIODE RD8.2M-B2
D304	8-719-106-35	s DIODE RD8.2M-B2
D401	8-719-106-35	s DIODE RD8.2M-B2
D402	8-719-106-35	s DIODE RD8.2M-B2
D403	8-719-106-35	s DIODE RD8.2M-B2
D404	8-719-106-35	s DIODE RD8.2M-B2
D501	8-719-800-76	s DIODE 1SS226
D601	8-719-800-76	s DIODE 1SS226
D701	8-719-800-76	s DIODE 1SS226
D801	8-719-800-76	s DIODE 1SS226
IC101	8-759-106-02	s IC UPC4570G2
IC102	8-759-106-02	s IC UPC4570G2
IC103	8-759-009-07	s IC MC14053BF
IC201	8-759-106-02	s IC UPC4570G2
IC202	8-759-106-02	s IC UPC4570G2
IC203	8-759-009-07	s IC MC14053BF
IC301	8-759-106-02	s IC UPC4570G2
IC302	8-759-106-02	s IC UPC4570G2
IC401	8-759-106-02	s IC UPC4570G2
IC601	8-759-745-64	s IC NJM4560M
IC801	8-759-745-64	s IC NJM4560M
Q1	8-729-807-16	s TRANSISTOR 2SD1621
Q2	8-729-805-25	s TRANSISTOR 2SB1121-S
Q51	8-729-807-16	s TRANSISTOR 2SD1621
Q52	8-729-805-25	s TRANSISTOR 2SB1121-S
Q501	8-729-301-57	s TRANSISTOR 2SB841
Q502	8-729-301-60	s TRANSISTOR 2SD1081
Q503	8-729-202-38	s TRANSISTOR 2SC3326N
Q601	8-729-301-57	s TRANSISTOR 2SB841
Q602	8-729-301-60	s TRANSISTOR 2SD1081
Q603	8-729-202-38	s TRANSISTOR 2SC3326N
Q701	8-729-301-57	s TRANSISTOR 2SB841
Q702	8-729-301-60	s TRANSISTOR 2SD1081
Q703	8-729-202-38	s TRANSISTOR 2SC3326N
Q801	8-729-301-57	s TRANSISTOR 2SB841
Q802	8-729-301-60	s TRANSISTOR 2SD1081
Q803	8-729-202-38	s TRANSISTOR 2SC3326N
R1	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R2	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R3	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R4	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R5	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R6	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R7	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R8	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R9	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R10	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R51	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R52	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R53	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R712	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R713	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R714	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R715	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R716	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R717	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R718	1-216-799-11	s METAL, CHIP 15 5% 1/16W
R719	1-216-799-11	s METAL, CHIP 15 5% 1/16W
R720	1-216-799-11	s METAL, CHIP 15 5% 1/16W
R721	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R801	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R802	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R803	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R804	1-216-865-11	s METAL, CHIP 3K 5% 1/16W
R805	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R806	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R807	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R808	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R809	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R810	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R811	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R812	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R813	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R814	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R815	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R816	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R817	1-216-798-11	s METAL, CHIP 12 5% 1/16W
R818	1-216-799-11	s METAL, CHIP 15 5% 1/16W
R819	1-216-799-11	s METAL, CHIP 15 5% 1/16W
R820	1-216-799-11	s METAL, CHIP 15 5% 1/16W
R821	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
T501	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT
T601	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT
T701	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT
T801	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT

AC-121 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-643-013-11	o PRINTED CIRCUIT BOARD, AC-121
CN911	▲1-565-395-11	o CONNECTOR VH 3P, MALE
CN912	▲1-564-321-00	o CONNECTOR 2P, MALE
F1	1-533-189-11	s HOLDER, FUSE
F2	1-533-189-11	s HOLDER, FUSE

AU-156 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-223-A	o MOUNTED CIRCUIT BOARD, AU-156
2pcs	2-251-622-11	s LEVER, PC BOARD
C1	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C2	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C3	1-124-477-11	s ELECT 47uF 20% 25V
C4	1-126-101-11	s ELECT 100uF 20% 16V
C5	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C6	1-124-477-11	s ELECT 47uF 20% 25V
C7	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C8	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C9	1-124-477-11	s ELECT 47uF 20% 25V
C10	1-124-927-11	s ELECT 4.7uF 20% 100V
C50	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C51	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C52	1-124-477-11	s ELECT 47uF 20% 25V
C53	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C54	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C55	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C56	1-124-477-11	s ELECT 47uF 20% 25V
C57	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C58	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C59	1-126-101-11	s ELECT 100uF 20% 16V
C60	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C61	1-126-101-11	s ELECT 100uF 20% 16V
C64	1-124-927-11	s ELECT 4.7uF 20% 100V
C65	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C101	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C102	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C103	1-124-477-11	s ELECT 47uF 20% 25V
C104	1-126-101-11	s ELECT 100uF 20% 16V
C105	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C106	1-124-477-11	s ELECT 47uF 20% 25V
C107	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C108	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C109	1-124-477-11	s ELECT 47uF 20% 25V
C110	1-124-927-11	s ELECT 4.7uF 20% 100V
C150	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C152	1-124-477-11	s ELECT 47uF 20% 25V
C153	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C154	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C155	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C156	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C157	1-124-477-11	s ELECT 47uF 20% 25V
C160	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C164	1-124-477-11	s ELECT 47uF 20% 25V
C201	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C202	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C203	1-124-477-11	s ELECT 47uF 20% 25V
C204	1-126-101-11	s ELECT 100uF 20% 16V
C205	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C206	1-124-477-11	s ELECT 47uF 20% 25V
C207	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C208	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C209	1-124-477-11	s ELECT 47uF 20% 25V
C250	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C252	1-124-477-11	s ELECT 47uF 20% 25V
C254	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C255	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C260	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C261	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C262	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C263	1-124-907-11	s ELECT 10uF 20% 50V
C264	1-124-927-11	s ELECT 4.7uF 20% 100V
C301	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C302	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C303	1-124-477-11	s ELECT 47uF 20% 25V
C304	1-126-101-11	s ELECT 100uF 20% 16V
C305	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C306	1-124-477-11	s ELECT 47uF 20% 25V
C307	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C308	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C309	1-124-477-11	s ELECT 47uF 20% 25V
C350	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C352	1-124-477-11	s ELECT 47uF 20% 25V
C360	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C364	1-124-477-11	s ELECT 47uF 20% 25V
C501	1-124-464-11	s ELECT 0.22uF 20% 50V
C502	1-124-927-11	s ELECT 4.7uF 20% 100V
C503	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C504	1-126-101-11	s ELECT 100uF 20% 16V
C505	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C506	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C507	1-126-101-11	s ELECT 100uF 20% 16V
C508	1-164-373-11	s CERAMIC, CHIP 0.033uF 25V
C509	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C510	1-162-967-11	s CERAMIC, CHIP 0.0033uF 10% 50V
C511	1-126-101-11	s ELECT 100uF 20% 16V
C512	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C513	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C514	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C515	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C517	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C518	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C519	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C520	1-162-965-11	s CERAMIC, CHIP 0.0015uF 10% 50V
C521	1-124-903-11	s ELECT 1uF 20% 50V
C523	1-162-966-11	s CERAMIC, CHIP 0.0022uF 10% 50V
C524	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C525	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C526	1-135-210-11	s TANTALUM, CHIP 4.7uF 20% 10V
C527	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C528	1-124-902-00	s ELECT 0.47uF 20% 50V
C531	1-124-902-00	s ELECT 0.47uF 20% 50V
C601	1-124-464-11	s ELECT 0.22uF 20% 50V
C602	1-124-927-11	s ELECT 4.7uF 20% 100V
C603	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C604	1-126-101-11	s ELECT 100uF 20% 16V
C605	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C606	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C607	1-126-101-11	s ELECT 100uF 20% 16V
C608	1-164-373-11	s CERAMIC, CHIP 0.033uF 25V
C609	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C610	1-162-967-11	s CERAMIC, CHIP 0.0033uF 10% 50V
C611	1-126-101-11	s ELECT 100uF 20% 16V
C613	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C614	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C615	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C617	1-162-963-11	s CERAMIC, CHIP 680PF 10% 50V
C618	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C619	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C620	1-162-965-11	s CERAMIC, CHIP 0.0015uF 10% 50V
C621	1-124-903-11	s ELECT 1uF 20% 50V
C622	1-124-902-00	s ELECT 0.47uF 20% 50V
C623	1-162-966-11	s CERAMIC, CHIP 0.0022uF 10% 50V
C624	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C625	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C626	1-135-210-11	s TANTALUM, CHIP 4.7uF 20% 10V
C627	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C628	1-124-902-00	s ELECT 0.47uF 20% 50V
C629	1-124-482-11	s ELECT 33uF 20% 35V
C630	1-135-210-11	s TANTALUM, CHIP 4.7uF 20% 10V
C631	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C701	1-124-903-11	s ELECT 1uF 20% 50V
C702	1-126-101-11	s ELECT 100uF 20% 16V
C703	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C704	1-126-101-11	s ELECT 100uF 20% 16V
C705	1-126-101-11	s ELECT 100uF 20% 16V
C706	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C707	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C708	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C709	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C710	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C711	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C712	1-164-346-11	s CERAMIC 1uF 16V
C713	1-162-926-11	s CERAMIC, CHIP 82PF 5% 50V
C714	1-126-233-11	s ELECT 22uF 20% 50V
C715	1-124-903-11	s ELECT 1uF 20% 50V
C716	1-124-903-11	s ELECT 1uF 20% 50V
C717	1-124-925-11	s ELECT 2.2uF 20% 100V
C718	1-124-903-11	s ELECT 1uF 20% 50V
C719	1-126-233-11	s ELECT 22uF 20% 50V
C720	1-124-903-11	s ELECT 1uF 20% 50V
C721	1-124-903-11	s ELECT 1uF 20% 50V
C722	1-124-925-11	s ELECT 2.2uF 20% 100V
C723	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C724	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C725	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C727	1-162-965-11	s CERAMIC, CHIP 0.0015uF 10% 50V
C728	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C730	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C731	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C732	1-124-903-11	s ELECT 1uF 20% 50V
C733	1-124-464-11	s ELECT 0.22uF 20% 50V
C734	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C735	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C750	1-124-925-11	s ELECT 2.2uF 20% 100V
C801	1-124-477-11	s ELECT 47uF 20% 25V
C802	1-124-907-11	s ELECT 10uF 20% 50V
C803	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C804	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C805	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C806	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C851	1-124-477-11	s ELECT 47uF 20% 25V
C852	1-124-907-11	s ELECT 10uF 20% 50V
C860	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C861	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C901	1-126-101-11	s ELECT 100uF 20% 16V
C902	1-124-120-11	s ELECT 220uF 20% 25V
C951	1-124-477-11	s ELECT 47uF 20% 25V
C952	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C953	1-124-477-11	s ELECT 47uF 20% 25V
C954	1-124-477-11	s ELECT 47uF 20% 25V
C955	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C956	1-124-120-11	s ELECT 220uF 20% 25V
C957	1-124-120-11	s ELECT 220uF 20% 25V
C1001	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C1002	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C1003	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C1004	1-164-677-11	s CERAMIC, CHIP 0.033uF 10% 16V
C1005	1-164-677-11	s CERAMIC, CHIP 0.033uF 10% 16V
C1006	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C1007	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
CN221	1-506-488-11	s CONNECTOR 9P, MALE
CN222	1-506-489-11	s CONNECTOR 10P, MALE
CN603	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN604	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
D1	8-719-941-86	s DIODE DAN202U
D2	8-719-941-09	s DIODE DAP202U
D50	8-719-941-09	s DIODE DAP202U
D51	8-719-941-09	s DIODE DAP202U
D52	8-719-941-09	s DIODE DAP202U
D53	8-719-941-86	s DIODE DAN202U
D54	8-719-941-86	s DIODE DAN202U
D55	8-719-941-86	s DIODE DAN202U
D101	8-719-941-86	s DIODE DAN202U
D102	8-719-941-09	s DIODE DAP202U
D150	8-719-941-09	s DIODE DAP202U
D151	8-719-941-09	s DIODE DAP202U
D153	8-719-941-09	s DIODE DAP202U
D201	8-719-941-86	s DIODE DAN202U
D202	8-719-941-09	s DIODE DAP202U
D301	8-719-941-86	s DIODE DAN202U
D302	8-719-941-09	s DIODE DAP202U
D750	8-719-941-09	s DIODE DAP202U
D751	8-719-941-09	s DIODE DAP202U
D801	8-719-941-09	s DIODE DAP202U
D802	8-719-941-86	s DIODE DAN202U
D901	8-719-200-02	s DIODE 10E2
D902	8-719-200-02	s DIODE 10E2
D903	8-719-941-09	s DIODE DAP202U
FL701	1-236-550-11	s FILTER, BAND PASS 15MHz
FL702	1-236-551-11	s FILTER, BAND PASS 17MHz
IC1	8-759-603-27	s IC M5201FP
IC2	8-759-701-97	s IC NJM4562M
IC50	8-759-701-97	s IC NJM4562M
IC51	8-759-603-27	s IC M5201FP
IC52	8-759-700-45	s IC NJM4556M-A
IC53	8-759-009-06	s IC MC14052BF
IC101	8-759-603-27	s IC M5201FP
IC102	8-759-701-97	s IC NJM4562M
IC150	8-759-701-97	s IC NJM4562M
IC151	8-759-603-27	s IC M5201FP
IC201	8-759-603-27	s IC M5201FP

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Ref. No. or Q'ty	Part No.	SP Description
IC202	8-759-701-97	s IC NJM4562M
IC250	8-759-701-97	s IC NJM4562M
IC251	8-759-009-06	s IC MC14052BF
IC301	8-759-603-27	s IC M5201FP
IC302	8-759-701-97	s IC NJM4562M
IC401	8-759-009-03	s IC MC14049UBF
IC501	8-759-823-19	s IC CXA1488R
IC601	8-759-823-19	s IC CXA1488R
IC701	8-759-823-21	s IC CXA1536Q
IC702	8-759-927-46	s IC SN74HC00NS
IC703	8-759-925-74	s IC TC74HC04NS
IC704	8-759-925-72	s IC SN74HC02NS
IC705	8-759-708-05	s IC NJM78L05A
IC751	8-759-239-58	s IC TC74HC221AF
IC801	8-759-603-27	s IC M5201FP
IC851	8-759-603-27	s IC M5201FP
IC1001	8-759-923-63	s IC TL592PS
IC1002	8-759-700-43	s IC NJM4558M
L860	1-412-533-11	s INDUCTOR 47uH
L900	1-412-533-11	s INDUCTOR 47uH
L950	1-412-533-11	s INDUCTOR 47uH
L952	1-408-785-21	s INDUCTOR CHIP 47UH
Q1	8-729-117-32	s TRANSISTOR 2SC4177
Q2	8-729-117-32	s TRANSISTOR 2SC4177
Q3	8-729-117-32	s TRANSISTOR 2SC4177
Q50	8-729-209-07	s TRANSISTOR 2SC4213-B
Q51	8-729-209-07	s TRANSISTOR 2SC4213-B
Q54	8-729-209-07	s TRANSISTOR 2SC4213-B
Q101	8-729-117-32	s TRANSISTOR 2SC4177
Q102	8-729-117-32	s TRANSISTOR 2SC4177
Q103	8-729-117-32	s TRANSISTOR 2SC4177
Q150	8-729-209-07	s TRANSISTOR 2SC4213-B
Q151	8-729-209-07	s TRANSISTOR 2SC4213-B
Q154	8-729-209-07	s TRANSISTOR 2SC4213-B
Q155	8-729-905-18	s TRANSISTOR DTC144EU
Q201	8-729-117-32	s TRANSISTOR 2SC4177
Q202	8-729-117-32	s TRANSISTOR 2SC4177
Q203	8-729-117-32	s TRANSISTOR 2SC4177
Q250	8-729-209-07	s TRANSISTOR 2SC4213-B
Q251	8-729-209-07	s TRANSISTOR 2SC4213-B
Q255	8-729-209-07	s TRANSISTOR 2SC4213-B
Q256	8-729-905-18	s TRANSISTOR DTC144EU
Q257	8-729-905-18	s TRANSISTOR DTC144EU
Q301	8-729-117-32	s TRANSISTOR 2SC4177
Q302	8-729-117-32	s TRANSISTOR 2SC4177
Q303	8-729-117-32	s TRANSISTOR 2SC4177
Q350	8-729-209-07	s TRANSISTOR 2SC4213-B
Q351	8-729-209-07	s TRANSISTOR 2SC4213-B
Q602	8-729-117-32	s TRANSISTOR 2SC4177
Q701	8-729-117-32	s TRANSISTOR 2SC4177
Q702	8-729-117-32	s TRANSISTOR 2SC4177
Q703	8-729-117-32	s TRANSISTOR 2SC4177
Q704	8-729-117-32	s TRANSISTOR 2SC4177
Q705	8-729-117-32	s TRANSISTOR 2SC4177
Q706	8-729-117-32	s TRANSISTOR 2SC4177
Q707	8-729-117-32	s TRANSISTOR 2SC4177
Q708	8-729-117-32	s TRANSISTOR 2SC4177
Q709	8-729-117-32	s TRANSISTOR 2SC4177

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Ref. No. or Q'ty	Part No.	SP Description
Q710	8-729-117-32	s TRANSISTOR 2SC4177
Q750	8-729-905-18	s TRANSISTOR DTC144EU
Q751	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q752	8-729-117-32	s TRANSISTOR 2SC4177
Q753	8-729-117-32	s TRANSISTOR 2SC4177
Q754	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q755	8-729-117-32	s TRANSISTOR 2SC4177
Q756	8-729-117-32	s TRANSISTOR 2SC4177
Q801	8-729-209-07	s TRANSISTOR 2SC4213-B
Q802	8-729-117-32	s TRANSISTOR 2SC4177
Q851	8-729-209-07	s TRANSISTOR 2SC4213-B
Q852	8-729-117-32	s TRANSISTOR 2SC4177
Q860	8-729-117-32	s TRANSISTOR 2SC4177
Q901	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q902	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q911	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q912	8-729-216-22	s TRANSISTOR 2SA1162
Q1001	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q1002	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q1003	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R1	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R2	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R3	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R4	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R5	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R6	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R7	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R8	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R9	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R10	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R11	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R12	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R13	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R15	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R50	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R51	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R52	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R53	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R54	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R55	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R57	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R58	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R59	1-218-345-11	s METAL, CHIP 9.1K 5% 1/16W
R60	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R61	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R62	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R100	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R103	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R104	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R105	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R106	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R107	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R108	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R109	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R110	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R111	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R112	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R113	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R115	1-216-841-11	s METAL, CHIP 47K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R116	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R150	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R151	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R152	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R153	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R154	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R155	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R157	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R158	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R159	1-218-345-11	s METAL, CHIP 9.1K 5% 1/16W
R160	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R161	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R162	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R163	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R164	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R165	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R200	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R201	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R202	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R203	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R204	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R205	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R206	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R207	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R208	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R209	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R210	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R211	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R212	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R213	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R250	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R251	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R252	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R253	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R254	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R255	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R257	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R266	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R267	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R268	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R269	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R270	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R271	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R272	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R274	1-220-373-11	s METAL, CHIP 62K 0.50% 1/16W
R275	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R276	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R277	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R303	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R304	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R305	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R306	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R307	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R308	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R309	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R310	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R311	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R312	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R313	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R316	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R350	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R351	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R352	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R353	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R354	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R355	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R357	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R401	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R402	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R403	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R404	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R405	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R406	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R412	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R413	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R414	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R415	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R501	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R502	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R503	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R504	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R505	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R506	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R507	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R508	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R510	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R511	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R513	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R514	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R515	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R516	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R517	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R518	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R519	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R520	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R521	1-218-732-11	s METAL, CHIP 47K 0.50% 1/16W
R522	1-218-732-11	s METAL, CHIP 47K 0.50% 1/16W
R523	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R524	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R601	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R602	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R603	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R604	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R605	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R606	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R607	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R608	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R610	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R611	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R613	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R614	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R615	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R616	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R617	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R620	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R621	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R622	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R623	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R624	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R653	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R701	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R702	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R703	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R704	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R705	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R706	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R707	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R708	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R709	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R710	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R711	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R712	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R713	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R714	1-218-313-11	s METAL, CHIP 560 1% 1/16W
R715	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R716	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R717	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R718	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R719	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R720	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R721	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R722	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R723	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R724	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R725	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R727	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R728	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R729	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R732	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R733	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R734	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R735	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R736	1-218-732-11	s METAL, CHIP 47K 0.50% 1/16W
R737	1-218-732-11	s METAL, CHIP 47K 0.50% 1/16W
R744	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R745	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R746	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R750	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R751	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R752	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R753	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R754	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R755	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R756	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R757	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R758	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R759	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R760	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R761	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R762	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R763	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R764	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R800	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R801	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R802	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R803	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R804	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R805	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R806	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R807	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R808	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R809	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R850	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R851	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R852	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R853	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R854	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R855	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R856	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R857	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R858	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R859	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R860	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R861	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R862	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R901	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R902	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R903	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R904	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R905	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R906	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R927	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R928	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R1001	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R1002	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R1003	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R1004	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R1005	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1006	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1007	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1008	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1009	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1010	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1011	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
RV1	1-238-804-11	s RES, ADJ METAL 50K
RV51	1-238-788-11	s RES, ADJ METAL 20K
RV101	1-238-804-11	s RES, ADJ METAL 50K
RV151	1-238-788-11	s RES, ADJ METAL 20K
RV201	1-238-804-11	s RES, ADJ METAL 50K
RV251	1-238-788-11	s RES, ADJ METAL 20K
RV301	1-238-804-11	s RES, ADJ METAL 50K
RV351	1-238-788-11	s RES, ADJ METAL 20K
RV501	1-238-802-11	s RES, ADJ METAL 10K
RV502	1-238-802-11	s RES, ADJ METAL 10K
RV503	1-238-801-11	s RES, ADJ METAL 5K
RV601	1-238-802-11	s RES, ADJ METAL 10K
RV602	1-238-802-11	s RES, ADJ METAL 10K
RV603	1-238-800-11	s RES, ADJ METAL 2K
RV701	1-238-802-11	s RES, ADJ METAL 10K
RV702	1-238-802-11	s RES, ADJ METAL 10K
RV750	1-238-801-11	s RES, ADJ METAL 5K
RV751	1-238-801-11	s RES, ADJ METAL 5K
RV801	1-238-784-11	s RES, ADJ METAL 1K
RV851	1-238-784-11	s RES, ADJ METAL 1K
RV1001	1-238-800-11	s RES, ADJ METAL 2K

(AU-156 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
S1	1-570-134-11	s SWITCH, SLIDE
X501	1-567-859-11	s CRYSTAL, 3.579545MHz

AU-157 BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc A-8271-227-A o MOUNTED CIRCUIT BOARD, AU-157
1pc 3-947-151-01 o PLATE, SHIELD, CARD
1pc 4-912-181-01 s SUPPORT, PC
1pc 7-621-759-45 s SCREW +PSW 2.6X6
2pcs 2-251-622-11 s LEVER, PC BOARD

C401 1-124-443-00 s ELECT 100uF 20% 10V
C402 1-124-126-00 s ELECT 47uF 20% 25V
C403 1-124-126-00 s ELECT 47uF 20% 25V
C404 1-162-587-11 s CERAMIC, CHIP 0.039uF 10% 25V
C405 1-163-125-00 s CERAMIC, CHIP 220PF 5% 50V

C406 1-124-126-00 s ELECT 47uF 20% 25V
C407 1-162-968-11 s CERAMIC, CHIP 0.0047uF 10% 50V
C408 1-162-917-11 s CERAMIC, CHIP 15PF 5% 50V
C409 1-124-126-00 s ELECT 47uF 20% 25V
C410 1-164-174-11 s CERAMIC, CHIP 0.0082uF 10% 25V

C411 1-135-149-21 s TANTALUM, CHIP 2.2uF 10% 10V
C412 1-135-211-11 s TANTALUM, CHIP 6.8uF 20% 6.3V
C413 1-135-072-21 s TANTALUM, CHIP 0.22uF 10% 35V
C414 1-124-443-00 s ELECT 100uF 20% 10V
C415 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V

C416 1-126-233-11 s ELECT 22uF 20% 50V
C417 1-126-233-11 s ELECT 22uF 20% 50V
C418 1-126-233-11 s ELECT 22uF 20% 50V
C419 1-162-927-11 s CERAMIC, CHIP 100PF 5% 50V
C420 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V

C424 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C425 1-163-038-00 s CERAMIC, CHIP 0.1uF 25V
C426 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C427 1-163-125-00 s CERAMIC, CHIP 220PF 5% 50V
C428 1-124-126-00 s ELECT 47uF 20% 25V

C429 1-126-233-11 s ELECT 22uF 20% 50V
C430 1-124-126-00 s ELECT 47uF 20% 25V
C431 1-135-211-11 s TANTALUM, CHIP 6.8uF 20% 6.3V
C432 1-163-137-00 s CERAMIC, CHIP 680PF 5% 50V
C433 1-124-902-00 s ELECT 0.47uF 20% 50V

C435 1-126-233-11 s ELECT 22uF 20% 50V
C436 1-162-927-11 s CERAMIC, CHIP 100PF 5% 50V
C437 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C438 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C439 1-163-125-00 s CERAMIC, CHIP 220PF 5% 50V

C440 1-124-126-00 s ELECT 47uF 20% 25V
C441 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C442 1-124-443-00 s ELECT 100uF 20% 10V
C443 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C447 1-126-233-11 s ELECT 22uF 20% 50V

C448 1-124-126-00 s ELECT 47uF 20% 25V
C449 1-135-211-11 s TANTALUM, CHIP 6.8uF 20% 6.3V
C450 1-163-012-00 s CERAMIC CHIP 1800PF 10% 50V
C451 1-124-443-00 s ELECT 100uF 20% 10V
C452 1-124-126-00 s ELECT 47uF 20% 25V

C453 1-124-126-00 s ELECT 47uF 20% 25V
C454 1-162-587-11 s CERAMIC, CHIP 0.039uF 10% 25V
C456 1-163-125-00 s CERAMIC, CHIP 220PF 5% 50V
C457 1-162-968-11 s CERAMIC, CHIP 0.0047uF 10% 50V
C458 1-124-126-00 s ELECT 47uF 20% 25V

C459 1-162-917-11 s CERAMIC, CHIP 15PF 5% 50V
C460 1-164-174-11 s CERAMIC, CHIP 0.0082uF 10% 25V
C461 1-163-137-00 s CERAMIC, CHIP 680PF 5% 50V
C462 1-135-149-21 s TANTALUM, CHIP 2.2uF 10% 10V

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Ref. No.

or Q'ty Part No. SP Description

C463 1-135-211-11 s TANTALUM, CHIP 6.8uF 20% 6.3V
C464 1-135-072-21 s TANTALUM, CHIP 0.22uF 10% 35V
C468 1-124-443-00 s ELECT 100uF 20% 10V
C469 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C470 1-124-443-00 s ELECT 100uF 20% 10V

C471 1-124-927-11 s ELECT 4.7uF 20% 100V
C501 1-124-443-00 s ELECT 100uF 20% 10V
C502 1-124-126-00 s ELECT 47uF 20% 25V
C503 1-124-126-00 s ELECT 47uF 20% 25V
C504 1-162-587-11 s CERAMIC, CHIP 0.039uF 10% 25V

C505 1-163-125-00 s CERAMIC, CHIP 220PF 5% 50V
C506 1-124-126-00 s ELECT 47uF 20% 25V
C507 1-162-968-11 s CERAMIC, CHIP 0.0047uF 10% 50V
C508 1-162-917-11 s CERAMIC, CHIP 15PF 5% 50V
C509 1-124-126-00 s ELECT 47uF 20% 25V

C510 1-164-174-11 s CERAMIC, CHIP 0.0082uF 10% 25V
C511 1-135-149-21 s TANTALUM, CHIP 2.2uF 10% 10V
C512 1-135-211-11 s TANTALUM, CHIP 6.8uF 20% 6.3V
C513 1-135-072-21 s TANTALUM, CHIP 0.22uF 10% 35V
C516 1-126-233-11 s ELECT 22uF 20% 50V

C517 1-126-233-11 s ELECT 22uF 20% 50V
C518 1-126-233-11 s ELECT 22uF 20% 50V
C519 1-162-927-11 s CERAMIC, CHIP 100PF 5% 50V
C520 1-124-126-00 s ELECT 47uF 20% 25V
C521 1-124-126-00 s ELECT 47uF 20% 25V

C522 1-124-126-00 s ELECT 47uF 20% 25V
C523 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C524 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C525 1-163-038-00 s CERAMIC, CHIP 0.1uF 25V
C526 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V

C532 1-163-137-00 s CERAMIC, CHIP 680PF 5% 50V
C533 1-124-902-00 s ELECT 0.47uF 20% 50V
C535 1-126-233-11 s ELECT 22uF 20% 50V
C536 1-162-927-11 s CERAMIC, CHIP 100PF 5% 50V
C537 1-124-126-00 s ELECT 47uF 20% 25V

C538 1-124-126-00 s ELECT 47uF 20% 25V
C539 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C540 1-124-126-00 s ELECT 47uF 20% 25V
C543 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C550 1-163-012-00 s CERAMIC CHIP 1800PF 10% 50V

C551 1-124-443-00 s ELECT 100uF 20% 10V
C552 1-124-126-00 s ELECT 47uF 20% 25V
C553 1-124-126-00 s ELECT 47uF 20% 25V
C554 1-162-587-11 s CERAMIC, CHIP 0.039uF 10% 25V
C555 1-163-125-00 s CERAMIC, CHIP 220PF 5% 50V

C556 1-124-126-00 s ELECT 47uF 20% 25V
C557 1-162-968-11 s CERAMIC, CHIP 0.0047uF 10% 50V
C559 1-162-917-11 s CERAMIC, CHIP 15PF 5% 50V
C560 1-164-174-11 s CERAMIC, CHIP 0.0082uF 10% 25V
C561 1-163-137-00 s CERAMIC, CHIP 680PF 5% 50V

C562 1-135-149-21 s TANTALUM, CHIP 2.2uF 10% 10V
C563 1-135-211-11 s TANTALUM, CHIP 6.8uF 20% 6.3V
C564 1-135-072-21 s TANTALUM, CHIP 0.22uF 10% 35V
C571 1-124-927-11 s ELECT 4.7uF 20% 100V
C601 1-162-915-11 s CERAMIC, CHIP 10PF 50V

C602 1-162-915-11 s CERAMIC, CHIP 10PF 50V
C603 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C605 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C606 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V

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Ref. No. or Q'ty	Part No.	SP Description
C607	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C608	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C609	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C610	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C611	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C612	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C613	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C614	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C615	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C616	1-135-155-21	s TANTALUM, CHIP 4.7uF 10% 16V
C617	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C618	1-135-155-21	s TANTALUM, CHIP 4.7uF 10% 16V
C619	1-135-155-21	s TANTALUM, CHIP 4.7uF 10% 16V
C621	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C622	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C623	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C624	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C625	1-135-155-21	s TANTALUM, CHIP 4.7uF 10% 16V
C701	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C702	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C703	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C704	1-162-913-11	s CERAMIC 8PF 50V
C705	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C706	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C707	1-124-499-11	s ELECT, NONPOLAR 1uF 20% 50V
C708	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C709	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C710	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C711	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C712	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C713	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C714	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C715	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C716	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C717	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C718	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C719	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C720	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C721	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C722	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C801	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C803	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C805	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C806	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C807	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C808	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C809	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V
C810	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C811	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C812	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C813	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C814	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C815	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C816	1-162-913-11	s CERAMIC 8PF 50V
C817	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C818	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C819	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C820	1-124-499-11	s ELECT, NONPOLAR 1uF 20% 50V
C821	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V

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Ref. No. or Q'ty	Part No.	SP Description
C822	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C823	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C824	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C825	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C826	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C827	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C828	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C951	1-126-233-11	s ELECT 22uF 20% 50V
C952	1-126-233-11	s ELECT 22uF 20% 50V
C953	1-126-233-11	s ELECT 22uF 20% 50V
C954	1-126-233-11	s ELECT 22uF 20% 50V
C955	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C956	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C957	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C958	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C960	1-124-443-00	s ELECT 100uF 20% 10V
C961	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C962	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C963	1-124-443-00	s ELECT 100uF 20% 10V
C964	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C965	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C966	1-128-057-11	s ELECT 330uF 20% 6.3V
CN64	1-506-484-11	s CONNECTOR, 5P, MALE
CN65	1-506-487-11	s CONNECTOR 8P, MALE
CN251	1-563-863-21	o CONNECTOR, 26P, MALE
CN601	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN602	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CV701	1-141-423-61	s CAP, TRIMMER
CV801	1-141-423-61	s CAP, TRIMMER
D601	8-719-941-86	s DIODE DAN202U
D602	8-719-941-09	s DIODE DAP202U
D603	8-719-941-09	s DIODE DAP202U
D604	8-719-941-86	s DIODE DAN202U
D605	8-719-941-09	s DIODE DAP202U
D606	8-719-941-86	s DIODE DAN202U
D701	8-713-300-88	s DIODE 1T33C-01
D801	8-719-941-09	s DIODE DAP202U
D802	8-713-300-88	s DIODE 1T33C-01
FL401	1-235-900-11	s FILTER, LOW-PASS
FL402	1-235-900-11	s FILTER, LOW-PASS
FL501	1-235-900-11	s FILTER, LOW-PASS
FL502	1-235-900-11	s FILTER, LOW-PASS
IC401	8-759-700-43	s IC NJM4558M
IC402	8-752-009-90	s IC CX20099
IC403	8-759-700-43	s IC NJM4558M
IC404	8-752-322-57	s IC CXD1077M
IC405	8-759-929-26	s IC TL431CPS
IC406	8-752-322-57	s IC CXD1077M
IC407	8-759-929-26	s IC TL431CPS
IC408	8-759-700-43	s IC NJM4558M
IC409	8-752-009-90	s IC CX20099
IC410	8-759-603-27	s IC M5201FP
IC501	8-759-700-43	s IC NJM4558M
IC503	8-759-700-43	s IC NJM4558M
IC508	8-759-700-43	s IC NJM4558M
IC510	8-759-603-27	s IC M5201FP
IC601	8-759-149-34	s IC UPD75106G-591-1B

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Ref. No. or Q'ty	Part No.	SP Description
IC603	8-759-009-07	s IC MC14053BF
IC604	8-752-324-45	s IC CXD1066Q-Z
IC605	8-759-972-13	s IC CF77309FR
IC606	8-752-835-09	s IC CXP5084H-645Q
IC607	8-759-054-79	s IC CF77499PG
IC609	8-759-926-77	s IC SN74HC541NS
IC610	8-759-926-77	s IC SN74HC541NS
IC611	8-759-239-23	s IC TC74HC86AF
IC701	8-752-010-20	s IC CX20102
IC702	8-752-332-46	s IC CXD1208Q
IC703	8-752-331-00	s IC CXK5864BM-12L
IC704	8-759-926-18	s IC SN74HC157ANS
IC705	8-759-926-18	s IC SN74HC157ANS
IC706	8-759-926-18	s IC SN74HC157ANS
IC801	8-752-010-20	s IC CX20102
IC802	8-752-332-46	s IC CXD1208Q
IC803	8-752-331-00	s IC CXK5864BM-12L
L402	1-410-658-31	s INDUCTOR, CHIP 220UH
L403	1-410-658-31	s INDUCTOR, CHIP 220UH
L601	1-410-393-11	s INDUCTOR CHIP 100UH
L603	1-410-393-11	s INDUCTOR CHIP 100UH
L604	1-410-393-11	s INDUCTOR CHIP 100UH
L606	1-410-393-11	s INDUCTOR CHIP 100UH
L607	1-410-393-11	s INDUCTOR CHIP 100UH
L608	1-410-381-11	s INDUCTOR CHIP 10UH
L701	1-410-393-11	s INDUCTOR CHIP 100UH
L702	1-410-393-11	s INDUCTOR CHIP 100UH
L703	1-410-393-11	s INDUCTOR CHIP 100UH
L704	1-408-970-21	s INDUCTOR 10UH
L705	1-410-393-11	s INDUCTOR CHIP 100UH
L801	1-410-393-11	s INDUCTOR CHIP 100UH
L802	1-410-393-11	s INDUCTOR CHIP 100UH
L803	1-410-393-11	s INDUCTOR CHIP 100UH
L804	1-408-970-21	s INDUCTOR 10UH
L805	1-410-393-11	s INDUCTOR CHIP 100UH
L952	1-408-978-21	s INDUCTOR 47uH
L953	1-408-978-21	s INDUCTOR 47uH
L954	1-412-533-11	s INDUCTOR 47uH
L955	1-412-533-11	s INDUCTOR 47uH
L956	1-412-533-11	s INDUCTOR 47uH
Q401	8-729-209-07	s TRANSISTOR 2SC4213-B
Q402	8-729-209-07	s TRANSISTOR 2SC4213-B
Q501	8-729-209-07	s TRANSISTOR 2SC4213-B
Q502	8-729-209-07	s TRANSISTOR 2SC4213-B
Q602	8-729-905-18	s TRANSISTOR DTC144EU
Q603	8-729-905-18	s TRANSISTOR DTC144EU
Q604	8-729-905-18	s TRANSISTOR DTC144EU
Q605	8-729-209-07	s TRANSISTOR 2SC4213-B
Q606	8-729-905-12	s TRANSISTOR DTA144EU
Q607	8-729-905-18	s TRANSISTOR DTC144EU
Q608	8-729-905-18	s TRANSISTOR DTC144EU
Q609	8-729-905-12	s TRANSISTOR DTA144EU
Q610	8-729-905-18	s TRANSISTOR DTC144EU
Q611	8-729-905-18	s TRANSISTOR DTC144EU
Q612	8-729-905-18	s TRANSISTOR DTC144EU
Q613	8-729-905-18	s TRANSISTOR DTC144EU
Q801	8-729-117-72	s TRANSISTOR 2SC4178

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Ref. No. or Q'ty	Part No.	SP Description
Q802	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q803	8-729-117-72	s TRANSISTOR 2SC4178
R401	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R402	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R403	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R404	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R405	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R406	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R407	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R408	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R409	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R410	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R411	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R412	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R413	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R414	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R415	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R416	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R417	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R418	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R419	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R420	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R422	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R423	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R424	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R425	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R427	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R428	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R429	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R430	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R431	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R434	1-216-811-11	s METAL, CHIP 150 5% 1/16W
R435	1-218-768-11	s METAL 470K 0.5% 1/10W
R436	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R437	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R438	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R439	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R440	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R441	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R442	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R443	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R444	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R445	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R446	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R448	1-216-811-11	s METAL, CHIP 150 5% 1/16W
R449	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R450	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R451	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R452	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R453	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R454	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R456	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R457	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R458	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R459	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R460	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R461	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R462	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R463	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R464	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R465	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R466	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R467	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R468	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R469	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R470	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R471	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R472	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R473	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R474	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R475	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R476	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R477	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R501	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R502	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R503	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R504	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R505	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R506	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R507	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R508	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R509	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R510	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R511	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R512	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R513	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R514	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R515	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R516	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R517	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R518	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R519	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R520	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R522	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R523	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R524	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R525	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R536	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R538	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R540	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R541	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R549	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R550	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R552	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R553	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R554	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R556	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R557	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R558	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R559	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R560	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R561	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R562	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R563	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R564	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R565	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R566	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R567	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R568	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R570	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R576	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R577	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R601	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R602	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R603	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R604	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R605	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R606	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R607	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R609	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R610	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R611	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R612	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R613	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R614	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R615	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R616	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R617	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R618	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R619	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R620	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R621	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R622	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R623	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R624	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R625	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R626	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R627	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R628	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R629	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R630	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R631	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R632	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R633	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R634	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R635	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R636	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R637	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R638	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R639	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R640	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R641	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R642	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R643	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R644	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R645	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R646	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R647	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R648	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R649	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R650	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R651	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R652	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R653	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R654	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R655	1-216-035-00	s METAL, CHIP 270 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R656	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R657	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R658	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R659	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R660	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R661	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R662	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R663	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R664	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R665	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R668	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R669	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R670	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R671	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R672	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R673	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R674	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R675	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R676	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R677	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R678	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R679	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R680	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R681	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R683	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R686	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R687	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R688	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R689	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R690	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R701	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R702	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R703	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R704	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R705	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R706	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R707	1-216-847-11	s METAL, CHIP 150K 5% 1/16W
R708	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R709	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R710	1-216-846-11	s METAL, CHIP 120K 5% 1/16W
R711	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R719	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R720	1-216-810-11	s METAL, CHIP 120 5% 1/16W
R721	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R722	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R723	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R801	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R802	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R803	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R804	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R805	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R806	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R808	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R809	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R810	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R811	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R814	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R815	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R816	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W

(AU-157 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R817	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R818	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R819	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R820	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R821	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R822	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R823	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R824	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R825	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R826	1-216-847-11	s METAL, CHIP 150K 5% 1/16W
R827	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R828	1-216-810-11	s METAL, CHIP 120 5% 1/16W
R829	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R830	1-216-846-11	s METAL, CHIP 120K 5% 1/16W
R831	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R832	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R833	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R890	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
RV402	1-238-803-11	s RES, ADJ METAL 20K
RV403	1-238-785-11	s RES, ADJ METAL 2K
RV408	1-238-792-11	s RES, ADJ, CERMET 500K
RV502	1-238-803-11	s RES, ADJ METAL 20K
RV503	1-238-785-11	s RES, ADJ METAL 2K
RV803	1-238-800-11	s RES, ADJ METAL 2K
X601	1-567-121-00	s CRYSTAL 4.194304MHZ
X602	1-567-346-11	s RESONATOR, CERAMIC

CN-551 BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc	1-642-953-14	o PRINTED CIRCUIT BOARD, CN-551
C1	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C2	1-126-189-11	s ELECT 0.22uF 20% 50V
C3	1-126-191-11	s ELECT 0.47uF 20% 50V
C4	1-126-603-11	s ELECT 4.7uF 20% 35V
C5	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C6	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C7	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
CN331	1-506-481-11	s CONNECTOR, 2P, MALE
CN332	1-506-483-21	s CONNECTOR, 4P, MALE
CN333	1-506-484-11	s CONNECTOR, 5P, MALE
CN334	1-506-481-11	s CONNECTOR, 2P, MALE
CN335	1-506-477-11	s CONNECTOR 12P, MALE
CN336	1-506-473-11	o CONNECTOR 8P, MALE
CN337	1-506-475-11	s CONNECTOR, 10P, MALE
CN338	1-506-475-11	s CONNECTOR, 10P, MALE
CN339	1-506-476-11	o CONNECTOR, 11P, MALE
CN340	1-506-480-11	o CONNECTOR, 15P, MALE
CN341	1-506-483-21	s CONNECTOR, 4P, MALE
CN342	1-506-469-11	s CONNECTOR 4P, MALE
CN343	1-565-211-11	o CONNECTOR, FPC (ZIF) 22P FEMALE
CN344	1-566-527-11	s CONNECTOR, FPC (ZIF) 11P
CN345	1-566-531-11	s CONNECTOR, FPC (ZIF) 15P
CN346	1-506-483-21	s CONNECTOR, 4P, MALE
CN347	1-506-481-11	s CONNECTOR, 2P, MALE
CN348	1-506-471-11	s CONNECTOR 6P, MALE
IC1	8-759-107-68	s IC CX20115A
IC2	8-759-701-97	s IC NJM4562M
R2	1-218-750-11	s METAL, CHIP 270K 0.50% 1/16W
R3	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R4	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R5	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R6	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R7	1-216-854-11	s METAL, CHIP 560K 5% 1/16W
R8	1-216-854-11	s METAL, CHIP 560K 5% 1/16W
R10	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R11	1-216-809-11	s METAL, CHIP 100 5% 1/16W
RV1	1-228-474-00	s RES, ADJ METAL 10K

CP-176 BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc	1-642-967-11	o PRINTED CIRCUIT BOARD, CP-176
1pc	3-683-631-01	o CLAMP
C1	1-161-772-11	s CERAMIC 0.1uF 10% 25V
CN1001	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN1002	1-573-583-11	s CONNECTOR, BNC, FEMALE
CN1003	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN1004	1-573-602-11	s CONNECTOR 8P (MONITOR), FEMALE
CN1005	1-691-273-11	s JACK, PIN 1P
CN1006	1-573-591-11	s CONNECTOR, CIRCULAR 7P, FEMALE
CN1008	1-695-195-11	s CONNECTOR, CIRCULAR 7P, MALE
CN1010	1-573-590-12	s CONNECTOR, CIRCULAR 4P, FEMALE
CN1011	1-573-590-12	s CONNECTOR, CIRCULAR 4P, FEMALE
R1	1-215-394-00	s METAL 75 1% 1/6W
R2	1-215-394-00	s METAL 75 1% 1/6W
R3	1-215-394-00	s METAL 75 1% 1/6W
R5	1-215-394-00	s METAL 75 1% 1/6W
R7	1-215-394-00	s METAL 75 1% 1/6W
R8	1-215-394-00	s METAL 75 1% 1/6W
S1	1-570-145-11	s SWITCH, SLIDE

CP-177 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-968-12	o PRINTED CIRCUIT BOARD, CP-177
1pc	3-683-631-01	o CLAMP
CN1051	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for UC)
CN1051	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for J)
CN1052	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for UC)
CN1052	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for J)
CN1053	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for UC)
CN1053	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for J)
CN1054	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for UC)
CN1054	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for J)
CN1055	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for UC)
CN1055	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for J)
CN1056	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for UC)
CN1056	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for J)
CN1057	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for UC)
CN1057	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for J)
CN1058	1-573-593-11	s CONNECTOR, XLR 3P, MALE (for UC)
CN1058	1-573-594-11	s CONNECTOR, XLR 3P, FEMALE (for J)
R1	1-249-415-11	s CARBON 680 5% 1/4W
R2	1-249-429-11	s CARBON 10K 5% 1/4W
R3	1-249-415-11	s CARBON 680 5% 1/4W
R4	1-249-429-11	s CARBON 10K 5% 1/4W
R5	1-249-415-11	s CARBON 680 5% 1/4W
R6	1-249-429-11	s CARBON 10K 5% 1/4W
R9	1-249-415-11	s CARBON 680 5% 1/4W
R10	1-249-429-11	s CARBON 10K 5% 1/4W
S1051	1-570-145-11	s SWITCH, SLIDE
S1052	1-570-145-11	s SWITCH, SLIDE

CR-40 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-243-A	o MOUNTED CIRCUIT BOARD, CR-40
C365	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C366	1-135-165-11	s TANTALUM 33uF 20% 16V
C367	1-135-165-11	s TANTALUM 33uF 20% 16V
C368	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C369	1-164-346-11	s CERAMIC 1uF 16V
C370	1-135-227-11	s TANTAL 100uF 20% 6.3
C371	1-135-227-11	s TANTAL 100uF 20% 6.3
C372	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C373	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C374	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C375	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
CN11	1-566-096-11	s CONNECTOR, BB 12P, MALE
IC23	8-759-030-55	s IC MC1496M
L87	1-408-785-21	s INDUCTOR CHIP 47UH
L88	1-408-785-21	s INDUCTOR CHIP 47UH
Q141	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q142	8-729-905-18	s TRANSISTOR DTC144EU
Q143	8-729-905-18	s TRANSISTOR DTC144EU
Q144	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R464	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R465	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R466	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R467	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R468	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R469	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R470	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R471	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R472	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R473	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R474	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R475	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R476	1-218-272-11	s METAL, CHIP 5.1K 5% 1/16W
R477	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R478	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R479	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R480	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R709	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
RV18	1-241-262-11	s RES, ADJ, CERMET 2K
RV19	1-241-262-11	s RES, ADJ, CERMET 2K
RV20	1-241-262-11	s RES, ADJ, CERMET 2K
RV21	1-241-261-11	s RES, ADJ, CERMET 1K

CR-41 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-244-A	o MOUNTED CIRCUIT BOARD, CR-41
C422	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C423	1-135-165-11	s TANTALUM 33uF 20% 16V
C424	1-135-165-11	s TANTALUM 33uF 20% 16V
C425	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C427	1-135-227-11	s TANTAL 100uF 20% 6.3
C428	1-135-227-11	s TANTAL 100uF 20% 6.3
C429	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C430	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C431	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C432	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C433	1-135-165-11	s TANTALUM 33uF 20% 16V
C434	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C435	1-164-346-11	s CERAMIC 1uF 16V
CN12	1-566-096-11	s CONNECTOR, BB 12P, MALE
IC29	8-759-030-55	s IC MC1496M
L96	1-410-389-31	s INDUCTOR CHIP 47UH
L97	1-410-389-31	s INDUCTOR CHIP 47UH
Q156	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q157	8-729-905-18	s TRANSISTOR DTC144EU
Q158	8-729-905-18	s TRANSISTOR DTC144EU
Q159	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q160	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q161	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R528	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R529	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R530	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R531	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R532	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R533	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R534	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R535	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R536	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R537	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R538	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R539	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R540	1-218-272-11	s METAL, CHIP 5.1K 5% 1/16W
R541	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R542	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R543	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R544	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R545	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R546	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R547	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R548	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R707	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R708	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R787	1-216-809-11	s METAL, CHIP 100 5% 1/16W
RV23	1-241-262-11	s RES, ADJ, CERMET 2K
RV24	1-241-262-11	s RES, ADJ, CERMET 2K
RV25	1-241-262-11	s RES, ADJ, CERMET 2K
RV26	1-241-261-11	s RES, ADJ, CERMET 1K
RV27	1-241-261-11	s RES, ADJ, CERMET 1K

DC-57 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-643-015-12	o PRINTED CIRCUIT BOARD, DC-57
2pcs	7-621-759-65	s SCREW +PSW 2.6X8
1pc	3-334-236-01	s SHEET, INSULATING
1pc	2-371-561-00	s BUSHING (P), INSULATING
1pc	7-682-947-01	s SCREW +PSW 3X6
C1	1-124-898-11	s ELECT 4700uF 20% 16V
C2	1-124-360-00	s ELECT 1000uF 20% 16V
C3	1-124-360-00	s ELECT 1000uF 20% 16V
C4	1-124-472-11	s ELECT 470uF 20% 10V
C5	1-161-055-00	s CERAMIC 0.022uF 10% 50V
C6	1-161-055-00	s CERAMIC 0.022uF 10% 50V
C7	1-124-477-11	s ELECT 47uF 20% 25V
C8	1-124-477-11	s ELECT 47uF 20% 25V
C9	1-126-931-61	s ELECT 10000uF 20% 10V
CN261	1-564-210-00	o CONNECTOR, 1L-S 12P, MALE
CN262	1-564-706-11	o CONNECTOR, 4P, MALE
CN263	1-564-708-11	o CONNECTOR 6P, MALE
CN264	1-564-710-11	s PIN HEADER, STRAIGHT 8P
CN265	1-564-209-00	o CONNECTOR, 1L-S 10P, MALE
D1	8-719-200-02	s DIODE 10E2
FB1	1-410-858-11	o INDUCTOR 0UH
FB2	1-410-858-11	o INDUCTOR 0UH
FB3	1-410-858-11	o INDUCTOR 0UH
IC1	8-759-982-05	s IC RC7805FA
Q1	8-729-382-64	s TRANSISTOR 2SC1826-G
R1	▲1-215-907-11	s METAL, CHIP 22 10% 3W

DD-12 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7061-772-A	o MOUNTED CIRCUIT BOARD, DD-12
1pc	1-535-699-11	s CABLE, JUMPER 23P
C301	1-124-472-11	s ELECT 470uF 20% 10V
CN751	1-506-489-11	o CONNECTOR 10P, MALE
CN752	1-506-491-11	o CONNECTOR 12P, MALE
D1	8-719-911-19	s DIODE 1SS119
D321	8-719-911-19	s DIODE 1SS119
IC2	8-759-645-16	s IC M54516P
IC3	8-759-645-16	s IC M54516P
Q308	8-729-903-02	s TRANSISTOR DTA143XS
Q309	8-729-903-02	s TRANSISTOR DTA143XS
Q310	8-729-903-02	s TRANSISTOR DTA143XS
Q311	8-729-903-02	s TRANSISTOR DTA143XS
Q312	8-729-903-02	s TRANSISTOR DTA143XS
Q313	8-729-903-02	s TRANSISTOR DTA143XS
Q314	8-729-903-02	s TRANSISTOR DTA143XS
R366	1-249-402-11	s CARBON 56 5% 1/4W
R367	1-249-402-11	s CARBON 56 5% 1/4W
R368	1-249-402-11	s CARBON 56 5% 1/4W
R369	1-249-402-11	s CARBON 56 5% 1/4W
R370	1-249-402-11	s CARBON 56 5% 1/4W
R371	1-249-402-11	s CARBON 56 5% 1/4W
R372	1-249-402-11	s CARBON 56 5% 1/4W
S1009	1-516-995-00	s SWITCH, LEVER SLIDE
S1010	1-552-539-00	s SWITCH, PUSH

DM-87 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-226-A	o MOUNTED CIRCUIT BOARD, DM-87
2pcs	2-251-622-11	s LEVER, PC BOARD
C1	1-126-233-11	s ELECT 22uF 20% 50V
C2	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C3	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C5	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C6	1-162-928-11	s CERAMIC, CHIP 120PF 5% 50V
C7	1-162-958-11	s CERAMIC, CHIP 270PF 5% 50V
C8	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C9	1-163-145-00	s CERAMIC, CHIP 0.0015uF 5% 50V
C10	1-162-958-11	s CERAMIC, CHIP 270PF 5% 50V
C11	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C14	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C15	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C16	1-162-922-11	s CERAMIC, CHIP 39PF 5% 50V
C17	1-162-926-11	s CERAMIC, CHIP 82PF 5% 50V
C18	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C19	1-162-922-11	s CERAMIC, CHIP 39PF 5% 50V
C20	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C33	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C34	1-124-907-11	s ELECT 10uF 20% 50V
C35	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C36	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C37	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C38	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C39	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C40	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C41	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C42	1-163-145-00	s CERAMIC, CHIP 0.0015uF 5% 50V
C43	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C44	1-162-924-11	s CERAMIC 56PF 5% 50V
C45	1-162-928-11	s CERAMIC, CHIP 120PF 5% 50V
C46	1-164-816-11	s CERAMIC, CHIP 220PF 2% 50V
C47	1-162-959-11	s CERAMIC, CHIP 330PF 5% 50V
C48	1-164-383-11	s CERAMIC, CHIP 110PF 5% 50V
C49	1-164-392-11	s CERAMIC, CHIP 390PF 5% 50V
C50	1-164-238-11	s CERAMIC, CHIP 36PF 10% 50V
C51	1-164-466-11	s CERAMIC, CHIP 240PF 5% 50V
C52	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C54	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C56	1-164-393-11	s CERAMIC, CHIP 430PF 5% 50V
C59	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C60	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C62	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C63	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C64	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C65	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C66	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C67	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C68	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C69	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C70	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C72	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C74	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C75	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C76	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C77	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C78	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V

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Ref. No. or Q'ty	Part No.	SP Description
C79	1-162-911-11	s CERAMIC, CHIP 6PF 50V
C80	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C81	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C82	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C83	1-124-477-11	s ELECT 47uF 20% 25V
C84	1-162-912-11	s CERAMIC 7PF 50V
C85	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C86	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C88	1-164-160-11	s CERAMIC, CHIP 20PF 5% 50V
C89	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C90	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C91	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C92	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C93	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C94	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C96	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C97	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C98	1-162-912-11	s CERAMIC 7PF 50V
C98	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V
C99	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V
C100	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C101	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C110	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C111	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C145	1-162-926-11	s CERAMIC, CHIP 82PF 5% 50V
C146	1-124-126-00	s ELECT 47uF 20% 25V
C148	1-162-913-11	s CERAMIC 8PF 50V
C149	1-164-376-11	s CERAMIC, CHIP 11PF 5% 50V
C150	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C151	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C152	1-124-126-00	s ELECT 47uF 20% 25V
C153	1-124-126-00	s ELECT 47uF 20% 25V
C154	1-124-126-00	s ELECT 47uF 20% 25V
C155	1-128-057-11	s ELECT 330uF 20% 6.3V
C156	1-128-057-11	s ELECT 330uF 20% 6.3V
C157	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C158	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C159	1-124-126-00	s ELECT 47uF 20% 25V
C160	1-124-126-00	s ELECT 47uF 20% 25V
C161	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C162	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C166	1-162-913-11	s CERAMIC 8PF 50V
C167	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C168	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C169	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C170	1-164-376-11	s CERAMIC, CHIP 11PF 5% 50V
C171	1-164-185-11	s CERAMIC, CHIP 13PF 5% 50V
C172	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C173	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C174	1-124-126-00	s ELECT 47uF 20% 25V
C175	1-124-126-00	s ELECT 47uF 20% 25V
C176	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C177	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C178	1-128-057-11	s ELECT 330uF 20% 6.3V
C179	1-128-057-11	s ELECT 330uF 20% 6.3V
C199	1-124-126-00	s ELECT 47uF 20% 25V
C200	1-124-907-11	s ELECT 10uF 20% 50V
C201	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C202	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C203	1-124-443-00	s ELECT 100uF 20% 10V
C204	1-124-443-00	s ELECT 100uF 20% 10V
C228	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C229	1-124-477-11	s ELECT 47uF 20% 25V
C230	1-164-346-11	s CERAMIC 1uF 16V
C231	1-124-126-00	s ELECT 47uF 20% 25V
C232	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C233	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C234	1-124-126-00	s ELECT 47uF 20% 25V
C235	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C236	1-124-126-00	s ELECT 47uF 20% 25V
C237	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C238	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C239	1-124-907-11	s ELECT 10uF 20% 50V
C240	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C241	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C242	1-124-907-11	s ELECT 10uF 20% 50V
C243	1-164-346-11	s CERAMIC 1uF 16V
C244	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C245	1-124-126-00	s ELECT 47uF 20% 25V
C246	1-124-126-00	s ELECT 47uF 20% 25V
C247	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C248	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C249	1-124-126-00	s ELECT 47uF 20% 25V
C250	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C251	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C252	1-124-907-11	s ELECT 10uF 20% 50V
C253	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C254	1-124-907-11	s ELECT 10uF 20% 50V
C255	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C256	1-124-477-11	s ELECT 47uF 20% 25V
C257	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C258	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C259	1-163-034-00	s CERAMIC, CHIP 0.033uF 50V
C260	1-124-907-11	s ELECT 10uF 20% 50V
C261	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C262	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C263	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C264	1-124-443-00	s ELECT 100uF 20% 10V
C265	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C266	1-124-443-00	s ELECT 100uF 20% 10V
C267	1-124-443-00	s ELECT 100uF 20% 10V
C268	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C269	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C270	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C271	1-164-491-11	s CERAMIC 300PF 5% 50V
C273	1-162-959-11	s CERAMIC, CHIP 330PF 5% 50V
C274	1-164-392-11	s CERAMIC, CHIP 390PF 5% 50V
C275	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C276	1-135-180-21	s TANTALUM 33uF 10% 10V
C277	1-135-180-21	s TANTALUM 33uF 10% 10V
C278	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C279	1-124-907-11	s ELECT 10uF 20% 50V
C280	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C281	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C282	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C283	1-124-443-00	s ELECT 100uF 20% 10V
C284	1-124-907-11	s ELECT 10uF 20% 50V
C285	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C286	1-126-233-11	s ELECT 22uF 20% 50V
C287	1-126-233-11	s ELECT 22uF 20% 50V
C288	1-128-057-11	s ELECT 330uF 20% 6.3V
C289	1-128-057-11	s ELECT 330uF 20% 6.3V
C290	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C291	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C293	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C294	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C296	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C297	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C298	1-135-227-11	s TANTAL 100uF 20% 6.3V
C299	1-135-227-11	s TANTAL 100uF 20% 6.3V
C300	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C303	1-135-165-11	s TANTALUM 33uF 20% 16V
C304	1-135-165-11	s TANTALUM 33uF 20% 16V
C305	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C306	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C307	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C308	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C309	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C310	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C311	1-164-378-11	s CERAMIC, CHIP 30PF 5% 50V
C312	1-124-126-00	s ELECT 47uF 20% 25V
C314	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C316	1-162-924-11	s CERAMIC 56PF 5% 50V
C321	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C322	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C323	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C324	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C325	1-124-126-00	s ELECT 47uF 20% 25V
C326	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C327	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C328	1-124-126-00	s ELECT 47uF 20% 25V
C329	1-124-126-00	s ELECT 47uF 20% 25V
C330	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C331	1-163-215-00	s CERAMIC, CHIP 0.0027uF 5% 50V
C333	1-124-907-11	s ELECT 10uF 20% 50V
C334	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C365	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C366	1-135-165-11	s TANTALUM 33uF 20% 16V
C367	1-135-165-11	s TANTALUM 33uF 20% 16V
C368	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C369	1-164-346-11	s CERAMIC 1uF 16V
C370	1-135-227-11	s TANTAL 100uF 20% 6.3V
C371	1-135-227-11	s TANTAL 100uF 20% 6.3V
C372	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C373	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C374	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C375	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C376	1-135-165-11	s TANTALUM 33uF 20% 16V
C379	1-164-217-11	s CERAMIC, CHIP 150PF 5% 50V
C380	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C381	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C382	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C383	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C385	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C386	1-124-477-11	s ELECT 47uF 20% 25V
C387	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C388	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C389	1-124-907-11	s ELECT 10uF 20% 50V
C390	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C391	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C392	1-124-477-11	s ELECT 47uF 20% 25V
C393	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C394	1-162-912-11	s CERAMIC 7PF 50V
C395	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C396	1-162-924-11	s CERAMIC 56PF 5% 50V
C398	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C399	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C400	1-124-903-11	s ELECT 1uF 20% 50V
C401	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C402	1-124-477-11	s ELECT 47uF 20% 25V
C403	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C404	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C405	1-162-959-11	s CERAMIC, CHIP 330PF 5% 50V
C406	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C407	1-135-176-21	s TANTALUM, CHIP 0.68uF 20% 35V
C408	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C409	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C410	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C412	1-124-126-00	s ELECT 47uF 20% 25V
C413	1-124-126-00	s ELECT 47uF 20% 25V
C414	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C415	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C416	1-124-126-00	s ELECT 47uF 20% 25V
C417	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C418	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C419	1-124-126-00	s ELECT 47uF 20% 25V
C420	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C421	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C422	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C423	1-135-165-11	s TANTALUM 33uF 20% 16V
C424	1-135-165-11	s TANTALUM 33uF 20% 16V
C425	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C427	1-135-227-11	s TANTAL 100uF 20% 6.3V
C428	1-135-227-11	s TANTAL 100uF 20% 6.3V
C429	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C430	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C431	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C432	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C433	1-135-165-11	s TANTALUM 33uF 20% 16V
C434	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C435	1-164-346-11	s CERAMIC 1uF 16V
C436	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C437	1-124-126-00	s ELECT 47uF 20% 25V
C438	1-124-126-00	s ELECT 47uF 20% 25V
C439	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C440	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C441	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C442	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C452	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C453	1-164-385-11	s CERAMIC, CHIP 160PF 5% 50V
C454	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C455	1-164-363-11	s CERAMIC, CHIP 560PF 5% 50V
C456	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C457	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C701	1-135-227-11	s TANTAL 100uF 20% 6.3V
C702	1-135-227-11	s TANTAL 100uF 20% 6.3V

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Ref. No. or Q'ty	Part No.	SP Description
C703	1-162-912-11	s CERAMIC 7PF 50V
C704	1-164-378-11	s CERAMIC, CHIP 30PF 5% 50V
C705	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C706	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C707	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C708	1-124-126-00	s ELECT 47uF 20% 25V
C709	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C710	1-124-477-11	s ELECT 47uF 20% 25V
C711	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C712	1-128-057-11	s ELECT 330uF 20% 6.3V
C713	1-128-057-11	s ELECT 330uF 20% 6.3V
C714	1-128-057-11	s ELECT 330uF 20% 6.3V
C715	1-128-057-11	s ELECT 330uF 20% 6.3V
C717	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C718	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C719	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C720	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C721	1-126-233-11	s ELECT 22uF 20% 50V
C722	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C723	1-126-233-11	s ELECT 22uF 20% 50V
C724	1-135-227-11	s TANTAL 100uF 20% 6.3V
C724	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C725	1-135-227-11	s TANTAL 100uF 20% 6.3V
C725	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C726	1-164-185-11	s CERAMIC, CHIP 13PF 5% 50V
C727	1-107-206-00	s MICA 15PF 5% 500V
C727	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
CN1	1-564-317-11	o CONNECTOR, BB 5P, MALE
CN2	1-564-317-11	o CONNECTOR, BB 5P, MALE
CN7	1-566-095-11	o CONNECTOR, BB 11P, MALE
CN8	1-566-095-11	o CONNECTOR, BB 11P, MALE
CN9	1-566-095-11	o CONNECTOR, BB 11P, MALE
CN10	1-566-095-11	o CONNECTOR, BB 11P, MALE
CN11	1-566-096-11	s CONNECTOR, BB 12P, MALE
CN12	1-566-096-11	s CONNECTOR, BB 12P, MALE
CN607	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN608	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CT1	1-141-404-11	s CAP, TRIMMER 30PF
CT2	1-141-404-11	s CAP, TRIMMER 30PF
CT3	1-141-345-11	s CAP, TRIMMER 40PF
D1	8-719-941-86	s DIODE DAN202U
D2	8-719-941-86	s DIODE DAN202U
D5	8-719-941-86	s DIODE DAN202U
D6	8-719-800-76	s DIODE 1SS226
D7	8-719-941-86	s DIODE DAN202U
D8	8-719-941-86	s DIODE DAN202U
D12	8-719-941-86	s DIODE DAN202U
D701	8-719-941-86	s DIODE DAN202U
D702	8-719-941-09	s DIODE DAP202U
D704	8-719-941-86	s DIODE DAN202U
D705	8-719-941-86	s DIODE DAN202U
D706	8-719-941-86	s DIODE DAN202U
D707	8-719-941-86	s DIODE DAN202U
D900	8-719-911-19	s DIODE 1SS119
DL1	1-415-403-21	s DELAY LINE 1uS
FL2	1-236-757-21	s FILTER, LOW-PASS (C)
FL3	1-236-773-21	s FILTER, LOW-PASS (Y)

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Ref. No. or Q'ty	Part No.	SP Description
FL4	1-236-716-11	s FILTER, LOW-PASS
FL5	1-236-774-11	s FILTER, LOW-PASS (Y)
FL7	1-236-575-11	s FIRTER, BAND PASS (PAL-M)
FL8	1-567-306-11	s RESONATOR, CERAMIC
FL9	1-236-146-11	s FILTER, BAND PASS 3.68MHz
IC3	8-759-998-32	s IC CXD2107M
IC4	8-759-710-86	s IC NJM2233BM-T1
IC5	8-759-925-60	s IC BA401
IC6	8-759-710-86	s IC NJM2233BM-T1
IC9	8-759-710-86	s IC NJM2233BM-T1
IC10	8-759-710-86	s IC NJM2233BM-T1
IC12	8-752-015-81	s IC CX20158
IC15	8-752-332-68	s IC CXL5502M
IC16	8-752-332-68	s IC CXL5502M
IC17	8-752-054-62	s IC CXA1207AR
IC18	8-759-710-86	s IC NJM2233BM-T1
IC19	8-759-239-34	s IC TC74HC4538AF
IC23	8-759-030-55	s IC MC1496M
IC24	8-759-710-86	s IC NJM2233BM-T1
IC25	8-752-051-40	s IC CXA1208R
IC26	8-759-925-74	s IC TC74HC04NS
IC27	8-759-708-05	s IC NJM78L05A
IC28	8-759-700-65	s IC NJM79L05A
IC29	8-759-030-55	s IC MC1496M
IC31	8-759-925-74	s IC TC74HC04NS
IC701	8-759-710-86	s IC NJM2233BM-T1
IC702	8-759-925-90	s IC SN74HC74NS
L1	1-408-785-21	s INDUCTOR CHIP 47UH
L2	1-410-387-11	s INDUCTOR, CHIP 33uH
L3	1-412-280-31	s INDUCTOR CHIP 330UH
L4	1-410-167-41	s INDUCTOR CHIP 820UH
L5	1-410-657-21	s INDUCTOR, CHIP 180uH
L7	1-410-374-11	s INDUCTOR, CHIP 2.7uH
L8	1-410-379-31	s INDUCTOR CHIP 6.8UH
L9	1-410-379-31	s INDUCTOR CHIP 6.8UH
L10	1-410-379-31	s INDUCTOR CHIP 6.8UH
L12	1-408-785-21	s INDUCTOR CHIP 47UH
L13	1-408-785-21	s INDUCTOR CHIP 47UH
L14	1-408-785-21	s INDUCTOR CHIP 47UH
L15	1-408-798-00	s INDUCTOR, CHIP 1mmH
L16	1-410-389-31	s INDUCTOR CHIP 47UH
L17	1-410-391-11	s INDUCTOR, CHIP 68uH
L18	1-410-392-11	s INDUCTOR, CHIP 82uH
L19	1-410-392-11	s INDUCTOR, CHIP 82uH
L23	1-408-785-21	s INDUCTOR CHIP 47UH
L25	1-410-381-11	s INDUCTOR CHIP 10UH
L26	1-410-383-31	s INDUCTOR, CHIP 15uH
L27	1-408-785-21	s INDUCTOR CHIP 47UH
L28	1-410-384-31	s INDUCTOR CHIP 18UH
L29	1-412-282-41	s INDUCTOR, CHIP 470UH
L30	1-412-282-41	s INDUCTOR, CHIP 470UH
L31	1-410-384-31	s INDUCTOR CHIP 18UH
L42	1-410-385-11	s INDUCTOR, CHIP 22uH
L43	1-410-381-11	s INDUCTOR CHIP 10UH
L44	1-408-785-21	s INDUCTOR CHIP 47UH
L45	1-408-785-21	s INDUCTOR CHIP 47UH
L46	1-410-381-11	s INDUCTOR CHIP 10UH
L47	1-410-384-31	s INDUCTOR CHIP 18UH

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Ref. No. or Q'ty	Part No.	SP Description
L48	1-408-785-21	s INDUCTOR CHIP 47UH
L49	1-408-785-21	s INDUCTOR CHIP 47UH
L52	1-410-381-11	s INDUCTOR CHIP 10UH
L53	1-410-381-11	s INDUCTOR CHIP 10UH
L56	1-408-785-21	s INDUCTOR CHIP 47UH
L57	1-408-785-21	s INDUCTOR CHIP 47UH
L61	1-408-785-21	s INDUCTOR CHIP 47UH
L62	1-408-777-00	s INDUCTOR, CHIP 10uH
L63	1-408-777-00	s INDUCTOR, CHIP 10uH
L64	1-408-777-00	s INDUCTOR, CHIP 10uH
L65	1-408-777-00	s INDUCTOR, CHIP 10uH
L66	1-408-785-21	s INDUCTOR CHIP 47UH
L67	1-408-785-21	s INDUCTOR CHIP 47UH
L68	1-410-379-31	s INDUCTOR CHIP 6.8UH
L69	1-408-785-21	s INDUCTOR CHIP 47UH
L70	1-408-785-21	s INDUCTOR CHIP 47UH
L72	1-410-387-11	s INDUCTOR, CHIP 33uH
L73	1-410-383-31	s INDUCTOR, CHIP 15uH
L80	1-408-785-21	s INDUCTOR CHIP 47UH
L81	1-408-785-21	s INDUCTOR CHIP 47UH
L82	1-408-785-21	s INDUCTOR CHIP 47UH
L87	1-408-785-21	s INDUCTOR CHIP 47UH
L88	1-408-785-21	s INDUCTOR CHIP 47UH
L89	1-408-785-21	s INDUCTOR CHIP 47UH
L90	1-410-392-11	s INDUCTOR, CHIP 82uH
L91	1-410-385-11	s INDUCTOR, CHIP 22uH
L92	1-410-385-11	s INDUCTOR, CHIP 22uH
L93	1-408-785-21	s INDUCTOR CHIP 47UH
L94	1-408-785-21	s INDUCTOR CHIP 47UH
L95	1-408-785-21	s INDUCTOR CHIP 47UH
L96	1-410-389-31	s INDUCTOR CHIP 47UH
L97	1-410-389-31	s INDUCTOR CHIP 47UH
L98	1-408-785-21	s INDUCTOR CHIP 47UH
L99	1-408-785-21	s INDUCTOR CHIP 47UH
L701	1-410-386-11	s INDUCTOR, CHIP 27uH
L702	1-408-785-21	s INDUCTOR CHIP 47UH
L703	1-408-785-21	s INDUCTOR CHIP 47UH
L704	1-408-785-21	s INDUCTOR CHIP 47UH
L705	1-408-785-21	s INDUCTOR CHIP 47UH
L706	1-408-785-21	s INDUCTOR CHIP 47UH
L707	1-408-785-21	s INDUCTOR CHIP 47UH
L708	1-408-785-21	s INDUCTOR CHIP 47UH
L709	1-410-385-11	s INDUCTOR, CHIP 22uH
L709	1-410-655-31	s INDUCTOR, CHIP 120uH
Q1	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q2	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q3	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q4	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q5	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q6	8-729-905-18	s TRANSISTOR DTC144EU
Q7	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q8	8-729-905-18	s TRANSISTOR DTC144EU
Q9	8-729-905-12	s TRANSISTOR DTA144EU
Q10	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q11	8-729-905-18	s TRANSISTOR DTC144EU
Q13	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q14	8-729-905-12	s TRANSISTOR DTA144EU
Q15	8-729-905-18	s TRANSISTOR DTC144EU
Q16	8-729-905-12	s TRANSISTOR DTA144EU

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Ref. No. or Q'ty	Part No.	SP Description
Q17	8-729-905-18	s TRANSISTOR DTC144EU
Q18	8-729-905-12	s TRANSISTOR DTA144EU
Q19	8-729-905-18	s TRANSISTOR DTC144EU
Q20	8-729-905-12	s TRANSISTOR DTA144EU
Q21	8-729-905-18	s TRANSISTOR DTC144EU
Q22	8-729-905-12	s TRANSISTOR DTA144EU
Q23	8-729-905-18	s TRANSISTOR DTC144EU
Q24	8-729-905-12	s TRANSISTOR DTA144EU
Q25	8-729-905-18	s TRANSISTOR DTC144EU
Q26	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q27	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q28	8-729-905-18	s TRANSISTOR DTC144EU
Q29	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q30	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q31	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q33	8-729-905-23	s TRANSISTOR 2SA1576-R
Q34	8-729-202-38	s TRANSISTOR 2SC3326N
Q35	8-729-202-38	s TRANSISTOR 2SC3326N
Q36	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q37	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q38	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q39	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q40	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q41	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q42	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q43	8-729-905-18	s TRANSISTOR DTC144EU
Q44	8-729-905-18	s TRANSISTOR DTC144EU
Q46	8-729-202-38	s TRANSISTOR 2SC3326N
Q48	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q49	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q50	8-729-905-12	s TRANSISTOR DTA144EU
Q51	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q52	8-729-905-18	s TRANSISTOR DTC144EU
Q53	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q54	8-729-903-10	s TRANSISTOR FMW1
Q55	8-729-903-97	s TRANSISTOR FMS1FE
Q56	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q57	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q58	8-729-903-10	s TRANSISTOR FMW1
Q70	8-729-202-38	s TRANSISTOR 2SC3326N
Q71	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q72	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q73	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q74	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q75	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q76	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q77	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q78	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q80	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q81	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q82	8-729-905-23	s TRANSISTOR 2SA1576-R
Q83	8-729-905-23	s TRANSISTOR 2SA1576-R
Q84	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q101	8-729-905-23	s TRANSISTOR 2SA1576-R
Q102	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q103	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q104	8-729-905-18	s TRANSISTOR DTC144EU
Q105	8-729-905-23	s TRANSISTOR 2SA1576-R
Q106	8-729-120-28	s TRANSISTOR 2SC1623-L5L6

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Ref. No. or Q'ty	Part No.	SP	Description
Q107	8-729-905-18	s	TRANSISTOR DTC144EU
Q108	8-729-202-38	s	TRANSISTOR 2SC3326N
Q109	8-729-202-38	s	TRANSISTOR 2SC3326N
Q110	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q111	8-729-905-18	s	TRANSISTOR DTC144EU
Q112	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q113	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q114	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q115	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q116	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q117	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q118	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q119	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q120	8-729-905-23	s	TRANSISTOR 2SA1576-R
Q121	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q122	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q123	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q124	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q125	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q126	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q127	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q130	8-729-905-23	s	TRANSISTOR 2SA1576-R
Q131	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q132	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q133	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q141	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q142	8-729-905-18	s	TRANSISTOR DTC144EU
Q143	8-729-905-18	s	TRANSISTOR DTC144EU
Q144	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q145	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q146	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q148	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q149	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q150	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q152	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q154	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q156	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q157	8-729-905-18	s	TRANSISTOR DTC144EU
Q158	8-729-905-18	s	TRANSISTOR DTC144EU
Q159	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q160	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q161	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q162	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q163	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q164	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q165	8-729-102-07	s	TRANSISTOR 2SC2223-F13
Q166	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q167	8-729-905-18	s	TRANSISTOR DTC144EU
Q170	8-729-202-38	s	TRANSISTOR 2SC3326N
Q175	8-729-905-12	s	TRANSISTOR DTA144EU
Q701	8-729-905-23	s	TRANSISTOR 2SA1576-R
Q701	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q702	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q703	8-729-905-12	s	TRANSISTOR DTA144EU
Q703	8-729-905-23	s	TRANSISTOR 2SA1576-R
Q704	8-729-202-38	s	TRANSISTOR 2SC3326N
Q706	8-729-905-12	s	TRANSISTOR DTA144EU
Q707	8-729-905-18	s	TRANSISTOR DTC144EU
Q708	8-729-905-23	s	TRANSISTOR 2SA1576-R

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Ref. No. or Q'ty	Part No.	SP	Description
Q709	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q712	8-729-202-38	s	TRANSISTOR 2SC3326N
Q900	8-729-201-05	s	TRANSISTOR 2SC2878-B
Q901	8-729-900-89	s	TRANSISTOR DTC144ES
R1	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R2	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R3	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R4	1-216-820-11	s	METAL, CHIP 820 5% 1/16W
R5	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R6	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R7	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R8	1-218-672-11	s	METAL, CHIP 150 0.50% 1/16W
R9	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R10	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R11	1-218-698-11	s	METAL, CHIP 1.8K 0.50% 1/16W
R12	1-218-680-11	s	METAL, CHIP 330 0.50% 1/16W
R13	1-216-812-11	s	METAL, CHIP 180 5% 1/16W
R14	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R15	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R16	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R17	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R18	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R19	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R20	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R21	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R22	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R23	1-218-680-11	s	METAL, CHIP 330 0.50% 1/16W
R24	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R25	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R26	1-218-680-11	s	METAL, CHIP 330 0.50% 1/16W
R27	1-218-313-11	s	METAL, CHIP 560 1% 1/16W
R28	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R29	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R30	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R31	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R44	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R45	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R47	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R48	1-216-820-11	s	METAL, CHIP 820 5% 1/16W
R49	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R50	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R51	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R52	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R53	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R54	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R55	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R56	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R57	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R58	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R59	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R60	1-218-672-11	s	METAL, CHIP 150 0.50% 1/16W
R61	1-218-271-11	s	METAL, CHIP 2K 5% 1/16W
R62	1-216-827-11	s	METAL, CHIP 3.3K 5% 1/16W
R63	1-218-289-11	s	METAL, CHIP 510 5% 1/16W
R64	1-216-865-11	s	METAL, CHIP 3K 5% 1/16W
R65	1-218-289-11	s	METAL, CHIP 510 5% 1/16W
R66	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R67	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R69	1-218-289-11	s	METAL, CHIP 510 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R70	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R71	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R73	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R74	1-218-457-11	s METAL, CHIP 910 5% 1/16W
R75	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R80	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R81	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R82	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R83	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R84	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R85	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R86	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R87	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R88	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R89	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R90	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R91	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R92	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R93	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R94	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R95	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R96	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R98	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R99	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R100	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R101	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R104	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R105	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R106	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R107	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R108	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R109	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R110	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R111	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R112	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R113	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R114	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R115	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R116	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R117	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R118	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R119	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R120	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R121	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R122	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R123	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R125	1-218-670-11	s METAL, CHIP 120 0.50% 1/16W
R128	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R130	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R131	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R132	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R133	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R134	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R135	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R136	1-218-313-11	s METAL, CHIP 560 1% 1/16W
R137	1-218-680-11	s METAL, CHIP 330 0.50% 1/16W
R138	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R139	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R140	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R141	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R142	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R143	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R144	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R199	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R200	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R201	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R202	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R205	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R206	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R207	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R208	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R209	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R210	1-218-651-11	s METAL, CHIP 20 0.50% 1/16W
R211	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R212	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R213	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R214	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R215	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R217	1-218-657-11	s METAL, CHIP 36 5% 1/16W
R218	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R219	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R220	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R221	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R222	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R223	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R224	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R227	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R229	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R230	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R231	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R232	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R233	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R234	1-218-344-11	s METAL, CHIP 7.5K 0.50% 1/16W
R235	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R236	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R237	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R238	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R240	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R241	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R262	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R263	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R264	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R265	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R266	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R268	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R299	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R300	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R301	1-216-844-11	s METAL, CHIP 82K 5% 1/16W
R302	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R303	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R304	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R305	1-215-409-00	s METAL 330 1% 1/6W
R306	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R307	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R308	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R309	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R310	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R311	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R312	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R313	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R314	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R315	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R316	1-216-844-11	s METAL, CHIP 82K 5% 1/16W
R317	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R318	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R319	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R320	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R321	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R322	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R323	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R324	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R325	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R327	1-218-740-11	s METAL, CHIP 100K 0.50% 1/16W
R328	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R329	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R330	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R331	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R332	1-218-313-11	s METAL, CHIP 560 1% 1/16W
R333	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R334	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R335	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R336	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R337	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R338	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R339	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R340	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R341	1-218-732-11	s METAL, CHIP 47K 0.50% 1/16W
R342	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R343	1-218-705-11	s METAL, CHIP 3.6K 0.50% 1/16W
R344	1-216-856-11	s METAL, CHIP 820K 5% 1/16W
R345	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R345	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R346	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R347	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R348	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R349	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R350	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R351	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R352	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R353	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R354	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R355	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R357	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R358	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R359	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R360	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R361	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R362	1-218-288-11	s METAL, CHIP 300 5% 1/16W
R364	1-218-288-11	s METAL, CHIP 300 5% 1/16W
R365	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R366	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R367	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R368	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R369	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R370	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R371	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R372	1-216-820-11	s METAL, CHIP 820 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R373	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R374	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R375	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R376	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R377	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R379	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R380	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R381	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R382	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R383	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R384	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R385	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R387	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R388	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R389	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R391	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R392	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R393	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R394	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R395	1-218-313-11	s METAL, CHIP 560 1% 1/16W
R396	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R397	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R398	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R399	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R400	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R401	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R402	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R403	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R404	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R405	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R406	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R408	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R409	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R410	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R412	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R413	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R421	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R422	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R423	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R424	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R425	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R426	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R427	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R429	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R430	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R431	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R464	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R465	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R466	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R467	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R468	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R469	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R470	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R471	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R472	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R473	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R474	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R475	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R476	1-218-272-11	s METAL, CHIP 5.1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R477	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R478	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R479	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R480	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R482	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R483	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R484	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R485	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R486	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R487	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R488	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R489	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R490	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R493	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R495	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R496	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R497	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R498	1-218-740-11	s METAL, CHIP 100K 0.50% 1/16W
R499	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R500	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R501	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R502	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R503	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R504	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R505	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R507	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R509	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R511	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R512	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R513	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R514	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R515	1-218-714-11	s METAL, CHIP 8.2K 0.50% 1/16W
R516	1-216-795-11	s METAL, CHIP 6.8K 0.50% 1/16W
R517	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R518	1-216-795-11	s METAL, CHIP 6.8K 0.50% 1/16W
R519	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R522	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R523	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R524	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R526	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R527	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R528	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R529	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R530	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R531	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R532	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R533	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R534	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R535	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R536	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R537	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R538	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R539	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R540	1-218-272-11	s METAL, CHIP 5.1K 5% 1/16W
R541	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R542	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R543	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R544	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R545	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

(DM-87 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R546	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R547	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R548	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R549	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R550	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R551	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R552	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R553	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R554	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R555	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R556	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R557	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R558	1-216-809-11	s METAL, CHIP 27K 5% 1/16W
R559	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R560	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R561	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R562	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R565	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R573	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R575	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R586	1-216-801-11	s METAL, CHIP 22 5% 1/16W
R587	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R590	1-218-727-11	s METAL, CHIP 30K 0.50% 1/16W
R591	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R592	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R593	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R601	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R605	1-218-271-11	s METAL, CHIP 2K 5% 1/16W
R606	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R701	1-218-688-11	s METAL, CHIP 680 0.50% 1/16W
R707	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R708	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R709	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R710	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R711	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R712	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R713	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R714	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R715	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R716	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R718	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R719	1-218-672-11	s METAL, CHIP 150 0.50% 1/16W
R720	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R721	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R723	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R724	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R727	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R729	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R731	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R733	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R736	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R737	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R738	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R740	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R741	1-218-705-11	s METAL, CHIP 3.6K 0.50% 1/16W
R742	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R743	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R744	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R745	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

(DM-87 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R746	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R747	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R748	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R749	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R750	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R751	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R752	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R753	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R754	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R756	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R757	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R758	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R759	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R780	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R785	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R786	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R787	1-215-440-00	s METAL 6.2K 1% 1/6W
R787	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R788	1-218-288-11	s METAL, CHIP 300 5% 1/16W
R789	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R792	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R792	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R793	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R794	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R795	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R796	1-218-720-11	s METAL, CHIP 15K 0.50% 1/16W
R900	1-249-437-11	s CARBON 47K 5% 1/4W
R901	1-247-903-00	s CARBON 1M 5% 1/4W
R902	1-215-436-00	s METAL 4.3K 1% 1/6W
R903	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R904	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R905	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R950	1-215-411-00	s METAL 390 1% 1/6W
RV2	1-241-261-11	s RES, ADJ, CERMET 1K
RV3	1-241-261-11	s RES, ADJ, CERMET 1K
RV4	1-241-262-11	s RES, ADJ, CERMET 2K
RV5	1-241-262-11	s RES, ADJ, CERMET 2K
RV8	1-238-800-11	s RES, ADJ METAL 2K
RV9	1-238-800-11	s RES, ADJ METAL 2K
RV10	1-238-799-11	s RES, ADJ METAL 1K
RV11	1-238-802-11	s RES, ADJ METAL 10K
RV12	1-238-804-11	s RES, ADJ METAL 50K
RV13	1-238-803-11	s RES, ADJ METAL 20K
RV15	1-241-262-11	s RES, ADJ, CERMET 2K
RV18	1-241-262-11	s RES, ADJ, CERMET 2K
RV19	1-241-262-11	s RES, ADJ, CERMET 2K
RV20	1-241-262-11	s RES, ADJ, CERMET 2K
RV21	1-241-261-11	s RES, ADJ, CERMET 1K
RV23	1-241-262-11	s RES, ADJ, CERMET 2K
RV24	1-241-262-11	s RES, ADJ, CERMET 2K
RV25	1-241-262-11	s RES, ADJ, CERMET 2K
RV26	1-241-261-11	s RES, ADJ, CERMET 1K
RV27	1-241-261-11	s RES, ADJ, CERMET 1K
RV28	1-238-799-11	s RES, ADJ METAL 1K
RV702	1-238-798-11	s RES, ADJ METAL 500
TH100	1-808-269-11	s THERMISTOR
TH101	1-808-269-11	s THERMISTOR
TH102	1-800-202-XX	s THERMISTOR S-10K

(DM-87 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
X501	1-577-080-11	s CRYSTAL 3.579545Hz

DP-101 BOARD		

Ref. No. or Q'ty	Part No.	SP Description
D101	8-719-942-19	s LED LB402VK
D102	8-719-942-19	s LED LB402VK
D103	8-719-942-19	s LED LB402VK
D104	8-719-942-19	s LED LB402VK

FL-129 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-245-A	o MOUNTED CIRCUIT BOARD, FL-129
C37	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C38	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C39	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C40	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C41	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C42	1-163-145-00	s CERAMIC, CHIP 0.0015uF 5% 50V
C43	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C44	1-162-924-11	s CERAMIC 56PF 5% 50V
C45	1-162-928-11	s CERAMIC, CHIP 120PF 5% 50V
C46	1-164-816-11	s CERAMIC 220PF 2% 50V
C47	1-162-959-11	s CERAMIC, CHIP 330PF 5% 50V
C48	1-164-383-11	s CERAMIC 110PF 5% 50V
C49	1-164-392-11	s CERAMIC 390PF 5% 50V
C50	1-164-238-11	s CERAMIC, CHIP 36PF 10% 50V
C51	1-164-466-11	s CERAMIC 240PF 5% 50V
C52	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C54	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C56	1-164-393-11	s CERAMIC 430PF 5% 50V
C59	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C60	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C62	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C63	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C64	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C65	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C66	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C67	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C68	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C69	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C70	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C72	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C74	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C457	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
CN1	1-564-317-11	o CONNECTOR, BB 5P, MALE
CN2	1-564-317-11	o CONNECTOR, BB 5P, MALE
IC4	8-759-710-86	s IC NJM2233BM-T1
L13	1-408-785-21	s INDUCTOR CHIP 47UH
L14	1-408-785-21	s INDUCTOR CHIP 47UH
L15	1-408-798-00	s INDUCTOR, CHIP 1mmH
L16	1-410-389-31	s INDUCTOR CHIP 47UH
L17	1-410-391-11	s INDUCTOR, CHIP 68uH
L18	1-410-392-11	s INDUCTOR, CHIP 82uH
L19	1-410-392-11	s INDUCTOR, CHIP 82uH
L23	1-408-785-21	s INDUCTOR CHIP 47UH
Q26	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q27	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q28	8-729-905-18	s TRANSISTOR DTC144EU
Q29	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q30	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q31	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q33	8-729-905-23	s TRANSISTOR 2SA1576-R
Q34	8-729-202-38	s TRANSISTOR 2SC3326N
Q35	8-729-202-38	s TRANSISTOR 2SC3326N
Q36	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q37	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q38	8-729-120-28	s TRANSISTOR 2SC1623-L5L6

(FL-129 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q39	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q40	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q41	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q42	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q43	8-729-905-18	s TRANSISTOR DTC144EU
Q44	8-729-905-18	s TRANSISTOR DTC144EU
R56	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R57	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R58	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R59	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R60	1-218-672-11	s METAL 150 0.50% 1/16W
R61	1-218-271-11	s METAL 2K 5% 1/16W
R62	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R63	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R64	1-216-865-11	s METAL, CHIP 3K 5% 1/16W
R65	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R66	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R67	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R69	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R70	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R71	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R73	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R74	1-218-457-11	s METAL 910 5% 1/16W
R75	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R80	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R81	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R82	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R83	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R84	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R85	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R86	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R87	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R88	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R89	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R90	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R91	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R92	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R93	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R94	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R95	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R96	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R98	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R99	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R100	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R101	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R605	1-218-271-11	s METAL 2K 5% 1/16W
R701	1-218-688-11	s METAL, CHIP 680 0.50% 1/16W
R747	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R788	1-218-288-11	s METAL, CHIP 300 5% 1/16W
RV2	1-241-261-11	s RES, ADJ, CERMET 1K
RV3	1-241-261-11	s RES, ADJ, CERMET 1K
RV4	1-241-262-11	s RES, ADJ, CERMET 2K
RV5	1-241-262-11	s RES, ADJ, CERMET 2K

FL-130 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-246-A	s MOUNTED CIRCUIT BOARD, FL-130
C293	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C294	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C296	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C297	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C298	1-135-227-11	s TANTAL 100uF 20% 6.3
C299	1-135-227-11	s TANTAL 100uF 20% 6.3
C300	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C303	1-135-165-11	s TANTALUM 33uF 20% 16V
C304	1-135-165-11	s TANTALUM 33uF 20% 16V
C305	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C306	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C307	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C308	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C453	1-164-385-11	s CERAMIC 160PF 5% 50V
C454	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C701	1-135-227-11	s TANTAL 100uF 20% 6.3
C702	1-135-227-11	s TANTAL 100uF 20% 6.3
C703	1-162-912-11	s CERAMIC 7PF 50V
C704	1-164-378-11	s CERAMIC 30PF 5% 50V
CN7	1-566-095-11	o CONNECTOR, BB 11P, MALE
CN8	1-566-095-11	o CONNECTOR, BB 11P, MALE
CT1	1-141-404-11	s CAP, TRIMMER 30PF
FL4	1-236-716-11	s FILTER, LOW PASS
IC18	8-759-710-86	s IC NJM2233BM-T1
L52	1-410-381-11	s INDUCTOR CHIP 10uH
L72	1-410-387-11	s INDUCTOR, CHIP 33uH
L73	1-410-383-31	s INDUCTOR, CHIP 15uH
L701	1-410-386-11	s INDUCTOR, CHIP 27uH
Q114	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q115	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q116	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q117	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q118	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q119	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q120	8-729-905-23	s TRANSISTOR 2SA1576-R
Q121	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q701	8-729-905-23	s TRANSISTOR 2SA1576-R
Q702	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q703	8-729-905-23	s TRANSISTOR 2SA1576-R
R367	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R368	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R369	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R370	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R371	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R372	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R373	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R374	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R375	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R376	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R377	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R379	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R380	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R381	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R382	1-218-883-11	s METAL CHIP 33K 0.50 1/16W

(FL-130 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R383	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R384	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R385	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R387	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R388	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R389	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R391	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R392	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R590	1-218-727-11	s METAL, CHIP 30K 0.50% 1/16W
R710	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R711	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R712	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R713	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R714	1-218-883-11	s METAL CHIP 33K 0.50 1/16W
R715	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R716	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R718	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R749	1-216-809-11	s METAL, CHIP 100 5% 1/16W

FL-131 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-247-A	o MOUNTED CIRCUIT BOARD, FL-131
C314	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C316	1-162-924-11	s CERAMIC 56PF 5% 50V
C321	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C322	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C323	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C324	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C724	1-135-227-11	s TANTAL 100uF 20% 6.3
C725	1-135-227-11	s TANTAL 100uF 20% 6.3
C727	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
CN9	1-566-095-11	o CONNECTOR, BB 11P, MALE
CN10	1-566-095-11	o CONNECTOR, BB 11P, MALE
CT2	1-141-404-11	s CAP, TRIMMER 30PF
L53	1-410-381-11	s INDUCTOR CHIP 10uH
L709	1-410-385-11	s INDUCTOR, CHIP 22uH
Q123	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q124	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q125	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q126	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q127	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q130	8-729-905-23	s TRANSISTOR 2SA1576-R
Q708	8-729-905-23	s TRANSISTOR 2SA1576-R
Q709	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R399	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R400	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R401	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R402	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R403	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R404	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R405	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R406	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R408	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R409	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R410	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R412	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R413	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R421	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R422	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R601	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R750	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R751	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R752	1-218-724-11	s METAL 22K 0.50% 1/16W
R753	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R754	1-218-482-11	s METAL, CHIP 430 5% 1/16W
RV15	1-241-262-11	s RES, ADJ, CERMET 2K

FP-84 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7070-624-A	o MOUNTED CIRCUIT BOARD, FP-84
1pc	1-625-649-11	s PRINTED CIRCUIT BOARD, FP-84 FLEXIB
W801	1-562-880-11	s CONNECTOR, 15P, FEMALE

FP-122 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7070-625-A	o MOUNTED CIRCUIT BOARD, FP-122
1pc	1-625-650-11	s PRINTED CIRCUIT BOARD, FP-122
W901	1-562-880-11	s CONNECTOR, 15P, FEMALE

HP-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-875-12	o PRINTED CIRCUIT BOARD, HP-52
C1	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
J1002	1-507-854-00	s JACK, PHONE

KY-217 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-230-A	o MOUNTED CIRCUIT BOARD, KY-217
1pc	3-718-657-01	o HOLDER, LED
BT1	1-528-229-11	o BATTERY, LITHIUM CR-2450
C2	1-163-104-00	s CERAMIC, CHIP 30PF 5% 50V
C3	1-163-104-00	s CERAMIC, CHIP 30PF 5% 50V
C4	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C6	1-126-176-11	s ELECT 220uF 20% 10V
C7	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C8	1-125-513-11	s DOUBLE LAYERS 0.047FARAD 5.5V
C9	1-126-163-11	s ELECT 4.7uF 20% 50V
C10	1-164-232-11	s CERAMIC 0.01uF 10% 100V
C11	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C12	1-163-104-00	s CERAMIC, CHIP 30PF 5% 50V
C13	1-163-104-00	s CERAMIC, CHIP 30PF 5% 50V
C14	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C15	1-124-472-11	s ELECT 470uF 20% 10V
C16	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C17	1-126-163-11	s ELECT 4.7uF 20% 50V
C18	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C19	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
CN701	1-506-487-11	s CONNECTOR 8P, MALE
CN702	1-506-471-11	s CONNECTOR 6P, MALE
CN703	1-506-491-11	o CONNECTOR 12P, MALE
CN704	1-506-489-11	o CONNECTOR 10P, MALE
CN706	1-506-486-11	s CONNECTOR 7P, MALE
COP1	1-566-388-11	s CONNECTOR 8P, MALE
COR1	1-563-859-11	s PLUG, SHORTING
D1	8-719-104-34	s DIODE 1S2835
D9	8-719-104-34	s DIODE 1S2835
D10	8-719-104-34	s DIODE 1S2835
D11	8-719-104-34	s DIODE 1S2835
D13	8-719-104-34	s DIODE 1S2835
D14	8-719-104-34	s DIODE 1S2835
D15	8-719-104-34	s DIODE 1S2835
D17	8-719-104-34	s DIODE 1S2835
D19	8-719-104-34	s DIODE 1S2835
D23	8-719-104-34	s DIODE 1S2835
D24	8-719-104-34	s DIODE 1S2835
D25	8-719-104-34	s DIODE 1S2835
D26	8-719-104-34	s DIODE 1S2835
D29	8-719-104-34	s DIODE 1S2835
D30	8-719-104-34	s DIODE 1S2835
D45	8-719-104-34	s DIODE 1S2835
D48	8-719-200-02	s DIODE 10E2
D49	8-719-800-76	s DIODE 1SS226
D51	8-719-800-76	s DIODE 1SS226
D52	8-719-800-76	s DIODE 1SS226
D54	8-719-800-76	s DIODE 1SS226
D101	8-719-939-39	s LED GL5HD8, RED
D102	8-719-802-11	s LED TLUG154, GRN
D103	8-719-939-39	s LED GL5HD8, RED
D104	8-719-939-39	s LED GL5HD8, RED
D105	8-719-939-39	s LED GL5HD8, RED
D106	8-719-939-39	s LED GL5HD8, RED
D107	8-719-939-39	s LED GL5HD8, RED
D108	8-719-939-39	s LED GL5HD8, RED

(KY-217 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D109	8-719-939-39	s LED GL5HD8, RED
D110	8-719-939-39	s LED GL5HD8, RED
D111	8-719-939-39	s LED GL5HD8, RED
D112	8-719-939-39	s LED GL5HD8, RED
D113	8-719-939-39	s LED GL5HD8, RED
D114	8-719-820-28	s LED TLG-256, GRN
D115	8-719-820-28	s LED TLG-256, GRN
D116	8-719-939-39	s LED GL5HD8, RED
D117	8-719-802-11	s LED TLUG154, GRN
D118	8-719-939-39	s LED GL5HD8, RED
IC1	8-759-072-57	s IC M50747H-601FP
IC4	0-832-082-00	s IC M54516F
IC6	8-759-982-21	s IC RC78L05A
IC7	8-759-074-77	s IC MB88201HPF-539N
L1	1-410-385-11	s INDUCTOR, CHIP 22uH
Q2	8-729-901-07	s TRANSISTOR DTA124XK
Q3	8-729-901-07	s TRANSISTOR DTA124XK
Q4	8-729-901-07	s TRANSISTOR DTA124XK
Q5	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q6	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q7	8-729-901-07	s TRANSISTOR DTA124XK
Q15	8-729-901-01	s TRANSISTOR DTC144EK
Q100	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q101	8-729-216-22	s TRANSISTOR 2SA1162
Q102	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q103	8-729-216-22	s TRANSISTOR 2SA1162
Q104	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q105	8-729-216-22	s TRANSISTOR 2SA1162
Q106	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q107	8-729-216-22	s TRANSISTOR 2SA1162
Q108	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q109	8-729-216-22	s TRANSISTOR 2SA1162
Q110	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q111	8-729-216-22	s TRANSISTOR 2SA1162
Q112	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q113	8-729-216-22	s TRANSISTOR 2SA1162
Q114	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q115	8-729-216-22	s TRANSISTOR 2SA1162
Q116	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q117	8-729-216-22	s TRANSISTOR 2SA1162
Q118	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q119	8-729-216-22	s TRANSISTOR 2SA1162
Q120	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q121	8-729-216-22	s TRANSISTOR 2SA1162
Q122	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q123	8-729-216-22	s TRANSISTOR 2SA1162
Q124	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R8	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R9	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R10	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R11	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R12	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R13	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R14	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R15	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R16	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R17	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W

(KY-217 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R18	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R19	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R20	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R21	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R22	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R23	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R24	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R25	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R26	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R27	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R28	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R29	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R30	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R31	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R32	1-216-121-00	s METAL, CHIP 1M 5% 1/10W
R33	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R34	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R35	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R36	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R37	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R38	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R39	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R40	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R41	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R44	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R45	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R48	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R49	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R50	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R51	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R52	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R53	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R54	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R55	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R56	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R57	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R58	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R73	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R75	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R84	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R85	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R86	1-216-049-00	s METAL, CHIP 1K 5% 1/10W
R87	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R88	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R89	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R95	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R96	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R97	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R98	1-216-017-00	s METAL, CHIP 47 5% 1/10W
R99	1-216-017-00	s METAL, CHIP 47 5% 1/10W
R100	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R101	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R102	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R103	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R104	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R105	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R106	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R107	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R108	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W

(KY-217 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R109	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R110	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R111	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R112	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R113	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R114	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R115	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R116	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R117	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R118	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R119	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R120	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R121	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R122	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R123	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R124	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R125	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R126	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R127	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R128	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R129	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R130	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R131	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R132	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R133	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R134	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R135	1-216-063-00	s METAL, CHIP 3.9K 5% 1/10W
R201	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R202	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R203	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R204	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R205	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R206	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R211	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R212	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R213	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R214	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R215	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R216	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R217	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R218	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R219	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R220	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R221	1-216-017-00	s METAL, CHIP 47 5% 1/10W
S1	1-552-539-00	s SWITCH, PUSH
S9	1-552-539-00	s SWITCH, PUSH
S10	1-552-539-00	s SWITCH, PUSH
S11	1-552-539-00	s SWITCH, PUSH
S12	1-552-539-00	s SWITCH, PUSH
S13	1-552-539-00	s SWITCH, PUSH
S14	1-552-539-00	s SWITCH, PUSH
S15	1-552-539-00	s SWITCH, PUSH
S16	1-552-539-00	s SWITCH, PUSH
S17	1-552-539-00	s SWITCH, PUSH
S18	1-552-539-00	s SWITCH, PUSH
S19	1-552-539-00	s SWITCH, PUSH
S23	1-552-539-00	s SWITCH, PUSH
S24	1-552-539-00	s SWITCH, PUSH
S25	1-552-539-00	s SWITCH, PUSH

(KY-217 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
S26	1-552-539-00	s SWITCH, PUSH
S27	1-552-539-00	s SWITCH, PUSH
S29	1-552-539-00	s SWITCH, PUSH
S30	1-552-539-00	s SWITCH, PUSH
X1	1-567-869-11	s RESONATOR, CERAMIC 9.83MHZ
X2	1-567-192-11	s RESONATOR, CERAMIC 4.00MHZ

LD-1 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7070-024-A	o MOUNTED CIRCUIT BOARD, LD-1
1pc	1-613-367-11	o PRINTED CIRCUIT BOARD, LD-1
D901	8-719-928-54	s DIODE GL-450S

LM-22 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	X-3166-289-A	s L-SW ASSY
1pc	1-564-671-11	o CONNECTOR 6P, MALE

LP-52 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7061-770-A	o MOUNTED CIRCUIT BOARD, LP-52
CN766	1-506-486-11	s CONNECTOR 7P, MALE
D1	8-719-901-65	s LED LT-9200H, YELLOW
D2	8-719-820-72	s LED TLUY144, YELLOW
D3	8-719-901-65	s LED LT-9200H, YELLOW
D4	8-719-820-73	s LED TLUG144, GREEN
D5	8-719-901-66	s DIODE LT-9200N, YELLOWSH GREEN
D6	8-719-820-72	s LED TLUY144, YELLOW
D7	8-719-901-66	s DIODE LT-9200N, YELLOWSH GREEN
R1	1-249-404-00	s CARBON 82 5% 1/4W
R2	1-249-404-00	s CARBON 82 5% 1/4W
R3	1-249-403-11	s CARBON 68 5% 1/4W
R4	1-249-404-00	s CARBON 82 5% 1/4W
R5	1-249-404-00	s CARBON 82 5% 1/4W
R6	1-249-403-11	s CARBON 68 5% 1/4W
R7	1-249-404-00	s CARBON 82 5% 1/4W
R8	1-249-404-00	s CARBON 82 5% 1/4W
R9	1-249-404-00	s CARBON 82 5% 1/4W
R10	1-249-404-00	s CARBON 82 5% 1/4W

M BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	▲1-413-731-11	s SWITCHING REGURATOR (SOPS-1030)
1pc	1-543-060-00	s BEAD, FERRITE
1pc	1-543-923-11	s BEAD, FERRITE
1pc	1-643-066-11	s PC BOARD, SOPS-1030M
1pc	1-705-308-11	s PC BOARD, SOPS-1030M COMBINED
1pc	2-626-077-01	o TUBE
1pc	4-382-854-11	s SCREW (M3X10), P, SW (+)
C101	1-136-346-11	s FILM 0.22uF 20% 125
C102	1-161-742-00	s CERAMIC 0.0022uF 20% 400V
C103	1-161-742-00	s CERAMIC 0.0022uF 20% 400V
C104	1-136-345-21	s FILM 0.1uF 20% 300
C105	1-161-742-00	s CERAMIC 0.0022uF 20% 400V
C106	1-125-738-11	s ELECT 270uF 20% 250
C107	1-125-738-11	s ELECT 270uF 20% 250
C108	1-136-205-11	s FILM 0.022uF 5% 630
C109	1-124-122-11	s ELECT 100uF 20% 50V
C110	1-124-907-11	s ELECT 10uF 20% 50V
C111	1-136-165-00	s FILM 0.1uF 5% 50V
C112	1-110-342-11	s FILM 390PF 5% 50V
C113	1-130-487-00	s MYLAR 0.022uF 5% 50V
C117	1-162-573-11	s CERAMIC 100PF 10% 400
C118	1-130-487-00	s MYLAR 0.022uF 5% 50V
C201	1-101-821-00	s CERAMIC 2200PF 500V
C202	1-101-821-00	s CERAMIC 2200PF 500V
C203	1-130-487-00	s MYLAR 0.022uF 5% 50V
C207	1-136-165-00	s FILM 0.1uF 5% 50V
C209	1-124-925-11	s ELECT 2.2uF 20% 100V
C210	1-124-567-00	s ELECT 1200uF 20% 10V
C213	1-126-241-11	s ELECT 1500uF 20% 16V
C214	1-126-241-11	s ELECT 1500uF 20% 16V
C215	1-128-102-11	s ELECT 1200uF 20% 16V
C216	1-136-165-00	s FILM 0.1uF 5% 50V
C217	1-128-102-11	s ELECT 1200uF 20% 16V
C219	1-124-527-11	s ELECT 8200uF 20% 6.3V
C220	1-124-527-11	s ELECT 8200uF 20% 6.3V
C222	1-128-101-11	s ELECT 2200uF 20% 6.3
C223	1-136-165-00	s FILM 0.1uF 5% 50V
C225	1-124-604-00	s ELECT 330uF 20% 10V
C226	1-136-165-00	s FILM 0.1uF 5% 50V
C227	1-128-102-11	s ELECT 1200uF 20% 16V
C228	1-126-316-51	s ELECT 470uF 20% 16V
C229	1-136-165-00	s FILM 0.1uF 5% 50V
C231	1-130-487-00	s MYLAR 0.022uF 5% 50V
C232	1-130-483-00	s MYLAR 0.01uF 5% 50V
C233	1-124-477-11	s ELECT 47uF 20% 25V
CN101	1-565-395-11	s PIN, CONNECTOR 3P
CN201	1-564-210-00	o CONNECTOR, IL-S 12P, MALE
CN202	1-564-706-11	o PIN, CONNECTOR 4P
D101	8-719-510-22	s DIODE D3SB60
D102	8-719-313-16	s DIODE AU02A
D103	8-719-313-16	s DIODE AU02A
D104	8-719-911-19	s DIODE 1SS119
D105	8-719-109-84	s DIODE RD5.1ES-B1
D105	8-719-109-85	s DIODE RD5.1ES-B2
D201	8-719-510-41	s DIODE D10SC9M
D202	8-719-510-39	s DIODE D10LC20U
D203	8-719-510-12	s DIODE D10SC4M
D205	8-719-510-73	s DIODE S3L20UF4

(M BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D206	8-719-510-73	s DIODE S3L20UF4
D207	8-719-911-19	s DIODE 1SS119
D208	8-719-313-16	s DIODE AU02A
D209	8-719-911-19	s DIODE 1SS119
D209	8-719-912-20	s DIODE 1SS120
D210	8-719-110-31	s DIODE RD12ESB2
D211	8-719-123-54	s DIODE RD5.6ES
IC102	8-719-801-22	s IC TLP621
IC103	8-719-801-22	s IC TLP621
IC201	8-759-245-79	s IC M5F7905L
IC202	8-759-604-43	s IC M5F79M09L
IC203	8-759-908-15	s IC TL431CLP
IC204	8-759-605-16	s IC M51953BL
L101	1-424-637-11	s TRANSFORMER, LINE FILTER
L201	1-424-255-41	s COIL, CHOKE (MOLDE) 10UH
L202	1-424-255-41	s COIL, CHOKE (MOLDE) 10UH
L203	1-424-255-41	s COIL, CHOKE (MOLDE) 10UH
L204	1-424-255-41	s COIL, CHOKE (MOLDE) 10UH
Q101	8-729-322-18	s TRANSISTOR 2SK1402A
Q201	8-729-900-80	s TRANSISTOR DTC114ES
R101	1-202-849-00	s SOLID 820K 10% 1/2W
R102	1-243-011-11	s WIREWOUND 2.2 5% 5W
R103	1-243-011-11	s WIREWOUND 2.2 5% 5W
R104	1-215-903-11	s METAL 68K 5% 2W
R105	1-215-903-11	s METAL 68K 5% 2W
R108	1-215-904-11	s METAL 100K 5% 2W
R109	1-215-904-11	s METAL 100K 5% 2W
R110	1-215-902-11	s METAL 47K 5% 2W
R111	1-215-902-11	s METAL 47K 5% 2W
R112	1-212-857-00	s FUSIBLE 10 5% 1/4W
R113	1-249-404-00	s CARBON 82 5% 1/4W
R114	1-249-441-11	s CARBON 100K 5% 1/4W
R115	1-249-397-11	s CARBON 22 5% 1/4W
R116	1-216-341-11	s METAL 0.22 5% 1W
R117	1-249-405-11	s CARBON 100 5% 1/4W
R118	1-247-903-00	s CARBON 1M 5% 1/4W
R119	1-249-417-11	s CARBON 1K 5% 1/4W
R120	1-249-403-11	s CARBON 68 5% 1/4W
R121	1-249-425-11	s CARBON 4.7K 5% 1/4W
R201	1-215-882-00	s METAL 22 5% 2W
R202	1-249-417-11	s CARBON 1K 5% 1/4W
R204	1-215-453-00	s METAL 22K 1% 1/6W
R205	1-215-888-00	s FILM 220 5% 2W
R206	1-249-435-11	s CARBON 33K 5% 1/4W
R209	1-249-425-11	s CARBON 4.7K 5% 1/4W
R211	1-249-431-11	s CARBON 15K 5% 1/4W
R212	1-215-427-00	s METAL 1.8K 1% 1/6W
R213	1-249-433-11	s CARBON 22K 5% 1/4W
R214	1-249-417-11	s CARBON 1K 5% 1/4W
R215	1-249-417-11	s CARBON 1K 5% 1/4W
R216	1-249-421-11	s CARBON 2.2K 5% 1/4W
R217	1-215-888-00	s FILM 220 5% 2W
R218	1-249-381-11	s CARBON 1 5% 1/4W
RV201	1-237-500-21	s RES, ADJ METAL 1K
RV202	1-237-503-21	s RES, ADJ METAL 10K
T101	1-450-841-11	s TRANSFORMER, CONVERTER

MB-356 BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc A-8276-261-A o MOUNTED CIRCUIT BOARD, MB-356
12pcs 7-621-775-60 s SCREW +B 26X12

CN113 1-506-478-11 s CONNECTOR, 13P, MALE
CN114 1-506-468-11 s CONNECTOR 3P, MALE
CN115 1-506-477-11 s CONNECTOR 12P, MALE
CN117 1-506-475-11 s CONNECTOR, 10P, MALE
CN118 1-506-474-11 s CONNECTOR 9P, MALE

CN119 1-506-482-11 s CONNECTOR 3P, MALE
CN121 1-506-491-11 s CONNECTOR, 12P, MALE
CN122 1-506-482-11 s CONNECTOR 3P, MALE
CN123 1-506-483-21 s CONNECTOR, 4P, MALE
CN124 1-506-492-11 o CONNECTOR, 13P, MALE

CN125 1-506-482-11 s CONNECTOR 3P, MALE
CN126 1-564-722-11 o CONNECTOR, 6P, MALE
CN127 1-564-724-11 o CONNECTOR, 8P, MALE
CN128 1-564-877-21 s CONNECTOR 15P, MALE
CN129 1-506-494-11 s CONNECTOR 15P, MALE

CN130 1-506-484-11 s CONNECTOR, 5P, MALE
CN131 1-563-863-21 o CONNECTOR, 26P, MALE
CN132 1-563-863-21 o CONNECTOR, 26P, MALE
CN133 1-563-863-21 o CONNECTOR, 26P, MALE
CN134 1-563-863-21 o CONNECTOR, 26P, MALE

CN135 1-563-863-21 o CONNECTOR, 26P, MALE
CN136 1-506-492-11 o CONNECTOR, 13P, MALE
CN137 1-506-489-11 s CONNECTOR 10P, MALE
CN601 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN602 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE

CN603 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN604 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN605 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN606 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN607 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE

CN608 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN609 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN610 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN611 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE
CN612 1-573-784-11 o CONNECTOR, PHEC 60P, FEMALE

PS1 Δ 1-532-679-00 s LINK, IC 0.6A

PS2 Δ 1-532-727-11 s LINK, IC 0.25A

MD-81 BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc A-8271-225-A o MOUNTED CIRCUIT BOARD, MD-81
2pcs 2-251-622-11 s LEVER, PC BOARD

C1 1-126-103-11 s ELECT 470uF 20% 16V
C2 1-128-057-11 s ELECT 330uF 20% 6.3V
C3 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C4 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C7 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V

C8 1-124-126-00 s ELECT 47uF 20% 25V
C9 1-162-923-11 s CERAMIC, CHIP 47PF 5% 50V
C10 1-162-923-11 s CERAMIC, CHIP 47PF 5% 50V
C11 1-128-057-11 s ELECT 330uF 20% 6.3V
C12 1-128-057-11 s ELECT 330uF 20% 6.3V

C13 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C14 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C15 1-124-126-00 s ELECT 47uF 20% 25V
C18 1-162-917-11 s CERAMIC, CHIP 15PF 5% 50V
C19 1-124-126-00 s ELECT 47uF 20% 25V

C22 1-124-126-00 s ELECT 47uF 20% 25V
C25 1-124-126-00 s ELECT 47uF 20% 25V
C26 1-124-126-00 s ELECT 47uF 20% 25V
C27 1-124-126-00 s ELECT 47uF 20% 25V
C29 1-124-126-00 s ELECT 47uF 20% 25V

C30 1-124-126-00 s ELECT 47uF 20% 25V
C31 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C32 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C33 1-128-057-11 s ELECT 330uF 20% 6.3V
C34 1-128-057-11 s ELECT 330uF 20% 6.3V

C35 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C36 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C37 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C38 1-163-035-00 s CERAMIC, CHIP 0.047uF 50V
C39 1-162-920-11 s CERAMIC, CHIP 27PF 5% 50V

C40 1-162-920-11 s CERAMIC, CHIP 27PF 5% 50V
C41 1-163-038-00 s CERAMIC, CHIP 0.1uF 25V
C42 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C43 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C44 1-128-057-11 s ELECT 330uF 20% 6.3V

C45 1-128-057-11 s ELECT 330uF 20% 6.3V
C46 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C47 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C48 1-164-376-11 s CERAMIC, CHIP 11PF 5% 50V
C49 1-164-380-11 s CERAMIC, CHIP 51PF 5% 50V

C50 1-162-912-11 s CERAMIC 7PF 50V
C51 1-164-380-11 s CERAMIC, CHIP 51PF 5% 50V
C52 1-124-126-00 s ELECT 47uF 20% 25V
C54 1-124-126-00 s ELECT 47uF 20% 25V
C55 1-124-126-00 s ELECT 47uF 20% 25V

C56 1-124-126-00 s ELECT 47uF 20% 25V
C57 1-124-126-00 s ELECT 47uF 20% 25V
C58 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C59 1-163-038-00 s CERAMIC, CHIP 0.1uF 25V
C60 1-163-038-00 s CERAMIC, CHIP 0.1uF 25V

C61 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C62 1-162-924-11 s CERAMIC 56PF 5% 50V
C63 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C64 1-124-126-00 s ELECT 47uF 20% 25V
C65 1-163-038-00 s CERAMIC, CHIP 0.1uF 25V

C66 1-124-126-00 s ELECT 47uF 20% 25V

(MD-81 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C67	1-124-126-00	s ELECT 47uF 20% 25V
C68	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C69	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C70	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C71	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C72	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C73	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C74	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C75	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C76	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C77	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C78	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C79	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C80	1-164-315-11	s CERAMIC, CHIP 470PF 10% 50V
C81	1-124-907-11	s ELECT 10uF 20% 50V
C82	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C83	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C84	1-124-126-00	s ELECT 47uF 20% 25V
C85	1-124-126-00	s ELECT 47uF 20% 25V
C86	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C87	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C88	1-124-126-00	s ELECT 47uF 20% 25V
C89	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C90	1-164-222-11	s CERAMIC 0.22uF 25V
C91	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C92	1-124-907-11	s ELECT 10uF 20% 50V
C93	1-124-907-11	s ELECT 10uF 20% 50V
C94	1-124-443-00	s ELECT 100uF 20% 10V
C95	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C96	1-124-443-00	s ELECT 100uF 20% 10V
C97	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C98	1-124-443-00	s ELECT 100uF 20% 10V
C99	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C100	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C101	1-124-907-11	s ELECT 10uF 20% 50V
C102	1-124-907-11	s ELECT 10uF 20% 50V
C103	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C104	1-124-907-11	s ELECT 10uF 20% 50V
C105	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C106	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C107	1-124-443-00	s ELECT 100uF 20% 10V
C108	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C110	1-164-217-11	s CERAMIC, CHIP 150PF 5% 50V
C112	1-124-126-00	s ELECT 47uF 20% 25V
C113	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C114	1-124-907-11	s ELECT 10uF 20% 50V
C115	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C116	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C117	1-124-126-00	s ELECT 47uF 20% 25V
C118	1-162-912-11	s CERAMIC 7PF 50V
C119	1-162-926-11	s CERAMIC, CHIP 82PF 5% 50V
C120	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C121	1-124-903-11	s ELECT 1uF 20% 50V
C122	1-124-126-00	s ELECT 47uF 20% 25V
C123	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C124	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C125	1-162-959-11	s CERAMIC, CHIP 330PF 5% 50V
C126	1-135-176-21	s TANTALUM, CHIP 0.68uF 20% 35V
C127	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V

(MD-81 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C128	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C129	1-164-238-11	s CERAMIC, CHIP 36PF 10% 50V
C130	1-164-466-11	s CERAMIC, CHIP 240PF 5% 50V
C131	1-164-668-11	s CERAMIC, CHIP 510PF 5% 50V
C132	1-162-959-11	s CERAMIC, CHIP 330PF 5% 50V
C133	1-164-217-11	s CERAMIC, CHIP 150PF 5% 50V
C134	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C138	1-164-393-11	s CERAMIC, CHIP 430PF 5% 50V
C141	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C143	1-124-126-00	s ELECT 47uF 20% 25V
C144	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C145	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C146	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C147	1-124-126-00	s ELECT 47uF 20% 25V
C148	1-124-126-00	s ELECT 47uF 20% 25V
C149	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C151	1-164-491-11	s CERAMIC 300PF 5% 50V
C152	1-162-959-11	s CERAMIC, CHIP 330PF 5% 50V
C153	1-164-392-11	s CERAMIC, CHIP 390PF 5% 50V
C154	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C170	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C171	1-162-928-11	s CERAMIC, CHIP 120PF 5% 50V
C172	1-124-126-00	s ELECT 47uF 20% 25V
C173	1-164-238-11	s CERAMIC, CHIP 36PF 10% 50V
C174	1-164-385-11	s CERAMIC, CHIP 160PF 5% 50V
C175	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C176	1-162-926-11	s CERAMIC, CHIP 82PF 5% 50V
C178	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C179	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C181	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C182	1-124-126-00	s ELECT 47uF 20% 25V
C183	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C184	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C185	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C186	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C187	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C188	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C189	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C190	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C191	1-164-238-11	s CERAMIC, CHIP 36PF 10% 50V
C192	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C193	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C194	1-124-126-00	s ELECT 47uF 20% 25V
C195	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C196	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C197	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C198	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C199	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C200	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C201	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C202	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C204	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C206	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C207	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C208	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C214	1-124-126-00	s ELECT 47uF 20% 25V
C215	1-164-185-11	s CERAMIC, CHIP 13PF 5% 50V
C216	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C217	1-128-057-11	s ELECT 330uF 20% 6.3V

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Ref. No. or Q'ty	Part No.	SP Description
C220	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C221	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C222	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C223	1-164-385-11	s CERAMIC, CHIP 160PF 5% 50V
C224	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C230	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C236	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C700	1-164-217-11	s CERAMIC, CHIP 150PF 5% 50V
C701	1-164-315-11	s CERAMIC, CHIP 470PF 10% 50V
C702	1-124-126-00	s ELECT 47uF 20% 25V
C703	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C704	1-128-057-11	s ELECT 330uF 20% 6.3V
C705	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C706	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C707	1-128-057-11	s ELECT 330uF 20% 6.3V
C708	1-124-126-00	s ELECT 47uF 20% 25V
C709	1-128-057-11	s ELECT 330uF 20% 6.3V
C711	1-162-913-11	s CERAMIC 8PF 50V
C712	1-164-185-11	s CERAMIC, CHIP 13PF 5% 50V
C713	1-124-126-00	s ELECT 47uF 20% 25V
C714	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C715	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C716	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C717	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C719	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C720	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C721	1-124-126-00	s ELECT 47uF 20% 25V
C722	1-124-126-00	s ELECT 47uF 20% 25V
C723	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C724	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C727	1-124-126-00	s ELECT 47uF 20% 25V
C728	1-124-126-00	s ELECT 47uF 20% 25V
C729	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C730	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C733	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C734	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C735	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C736	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C737	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C741	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C742	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C743	1-124-126-00	s ELECT 47uF 20% 25V
C744	1-124-126-00	s ELECT 47uF 20% 25V
C745	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C746	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C747	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C748	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C749	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C750	1-163-215-00	s CERAMIC, CHIP 0.0027uF 5% 50V
C751	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C752	1-162-926-11	s CERAMIC, CHIP 82PF 5% 50V
C753	1-124-126-00	s ELECT 47uF 20% 25V
C754	1-124-126-00	s ELECT 47uF 20% 25V
C755	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C756	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C760	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C761	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C763	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C764	1-162-915-11	s CERAMIC, CHIP 10PF 50V

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Ref. No. or Q'ty	Part No.	SP Description
C766	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C767	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V
C768	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C769	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C770	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C771	1-130-487-00	s MYLAR 0.022uF 5% 50V
C772	1-130-487-00	s MYLAR 0.022uF 5% 50V
CN605	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN606	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
D1	8-719-941-86	s DIODE DAN202U
D3	8-719-941-86	s DIODE DAN202U
D4	8-719-941-86	s DIODE DAN202U
D700	8-719-941-86	s DIODE DAN202U
D701	8-719-941-86	s DIODE DAN202U
D702	8-719-800-76	s DIODE 1SS226
D703	8-719-911-19	s DIODE 1SS119
DL1	1-415-403-21	s DELAY LINE 1uS
FL1	1-235-779-11	s FILTER, LOW-PASS
FL2	1-236-716-11	s FILTER, LOW-PASS
FL3	1-236-563-11	s FILTER, BANDPASS 3.58MHz
FL4	1-567-306-11	s RESONATOR, CERAMIC
FL5	1-236-146-11	s FILTER, BAND PASS 3.68MHz
IC1	8-759-239-34	s IC TC74HC4538AF
IC2	8-759-710-86	s IC NJM2233BM-T1
IC3	8-759-710-86	s IC NJM2233BM-T1
IC4	8-759-710-86	s IC NJM2233BM-T1
IC5	8-759-710-86	s IC NJM2233BM-T1
IC6	8-759-710-86	s IC NJM2233BM-T1
IC7	8-752-337-04	s IC CXD1176Q
IC8	8-752-342-61	s IC CXD2105AQ
IC9	8-752-054-62	s IC CXA1207AR
IC10	8-752-051-40	s IC CXA1208R
IC11	8-759-708-05	s IC NJM78L05A
IC13	8-759-012-00	s IC MC10H116M
IC700	8-759-239-34	s IC TC74HC4538AF
IC701	8-759-710-86	s IC NJM2233BM-T1
IC702	8-759-700-43	s IC NJM4558M
L1	1-408-785-21	s INDUCTOR CHIP 47UH
L2	1-408-785-21	s INDUCTOR CHIP 47UH
L3	1-408-785-21	s INDUCTOR CHIP 47UH
L4	1-408-785-21	s INDUCTOR CHIP 47UH
L5	1-408-785-21	s INDUCTOR CHIP 47UH
L7	1-410-384-31	s INDUCTOR CHIP 18UH
L8	1-410-387-11	s INDUCTOR, CHIP 33uH
L10	1-408-785-21	s INDUCTOR CHIP 47UH
L11	1-408-785-21	s INDUCTOR CHIP 47UH
L12	1-410-388-21	s INDUCTOR, CHIP 39uH
L13	1-408-785-21	s INDUCTOR CHIP 47UH
L14	1-408-785-21	s INDUCTOR CHIP 47UH
L15	1-410-383-31	s INDUCTOR, CHIP 15uH
L16	1-408-785-21	s INDUCTOR CHIP 47UH
L17	1-408-785-21	s INDUCTOR CHIP 47UH
L18	1-408-785-21	s INDUCTOR CHIP 47UH
L19	1-408-785-21	s INDUCTOR CHIP 47UH
L20	1-408-785-21	s INDUCTOR CHIP 47UH
L21	1-408-785-21	s INDUCTOR CHIP 47UH
L22	1-408-785-21	s INDUCTOR CHIP 47UH

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Ref. No. or Q'ty	Part No.	SP Description
L23	1-408-785-21	s INDUCTOR CHIP 47UH
L24	1-410-393-11	s INDUCTOR CHIP 100UH
L25	1-410-385-11	s INDUCTOR, CHIP 22uH
L26	1-408-785-21	s INDUCTOR CHIP 47UH
L27	1-410-391-11	s INDUCTOR, CHIP 68uH
L28	1-410-386-11	s INDUCTOR, CHIP 27uH
L29	1-410-391-11	s INDUCTOR, CHIP 68uH
L30	1-408-785-21	s INDUCTOR CHIP 47UH
L38	1-408-785-21	s INDUCTOR CHIP 47UH
L39	1-412-280-31	s INDUCTOR CHIP 330UH
L40	1-412-280-31	s INDUCTOR CHIP 330UH
L42	1-408-785-21	s INDUCTOR CHIP 47UH
L43	1-410-386-11	s INDUCTOR, CHIP 27uH
L44	1-410-380-31	s INDUCTOR, CHIP 8.2uH
L45	1-408-785-21	s INDUCTOR CHIP 47UH
L47	1-410-386-11	s INDUCTOR, CHIP 27uH
L527	1-408-785-21	s INDUCTOR CHIP 47UH
L700	1-408-785-21	s INDUCTOR CHIP 47UH
L701	1-408-785-21	s INDUCTOR CHIP 47UH
L702	1-408-785-21	s INDUCTOR CHIP 47UH
L703	1-410-382-31	s INDUCTOR, CHIP 12uH
L704	1-410-379-31	s INDUCTOR CHIP 6.8UH
L705	1-410-382-31	s INDUCTOR, CHIP 12uH
L706	1-410-379-31	s INDUCTOR CHIP 6.8UH
L707	1-408-785-21	s INDUCTOR CHIP 47UH
L708	1-408-785-21	s INDUCTOR CHIP 47UH
L709	1-410-391-11	s INDUCTOR, CHIP 68uH
L710	1-410-387-11	s INDUCTOR, CHIP 33uH
L713	1-408-785-21	s INDUCTOR CHIP 47UH
L714	1-408-785-21	s INDUCTOR CHIP 47UH
L715	1-408-785-21	s INDUCTOR CHIP 47UH
L716	1-408-785-21	s INDUCTOR CHIP 47UH
L719	1-412-280-31	s INDUCTOR CHIP 330UH
Q1	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q2	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q4	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q5	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q6	8-729-905-18	s TRANSISTOR DTC144EU
Q7	8-729-905-18	s TRANSISTOR DTC144EU
Q8	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q9	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q10	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q11	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q12	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q13	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q14	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q17	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q18	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q19	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q20	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q21	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q22	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q23	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q24	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q25	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q26	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q27	8-729-120-28	s TRANSISTOR 2SC1623-L5L6

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Ref. No. or Q'ty	Part No.	SP Description
Q28	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q29	8-729-905-12	s TRANSISTOR DTA144EU
Q30	8-729-905-18	s TRANSISTOR DTC144EU
Q31	8-729-905-12	s TRANSISTOR DTA144EU
Q32	8-729-905-18	s TRANSISTOR DTC144EU
Q33	8-729-905-12	s TRANSISTOR DTA144EU
Q34	8-729-905-18	s TRANSISTOR DTC144EU
Q35	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q36	8-729-905-12	s TRANSISTOR DTA144EU
Q37	8-729-905-12	s TRANSISTOR DTA144EU
Q38	8-729-905-12	s TRANSISTOR DTA144EU
Q39	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q40	8-729-905-23	s TRANSISTOR 2SA1576-R
Q41	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q42	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q45	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q46	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q47	8-729-905-23	s TRANSISTOR 2SA1576-R
Q48	8-729-905-23	s TRANSISTOR 2SA1576-R
Q51	8-729-905-23	s TRANSISTOR 2SA1576-R
Q53	8-729-905-12	s TRANSISTOR DTA144EU
Q54	8-729-905-18	s TRANSISTOR DTC144EU
Q55	8-729-905-18	s TRANSISTOR DTC144EU
Q56	8-729-905-18	s TRANSISTOR DTC144EU
Q57	8-729-202-38	s TRANSISTOR 2SC3326N
Q58	8-729-202-38	s TRANSISTOR 2SC3326N
Q68	8-729-117-32	s TRANSISTOR 2SC4177
Q69	8-729-905-18	s TRANSISTOR DTC144EU
Q70	8-729-117-32	s TRANSISTOR 2SC4177
Q71	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q72	8-729-905-18	s TRANSISTOR DTC144EU
Q73	8-729-905-18	s TRANSISTOR DTC144EU
Q74	8-729-117-32	s TRANSISTOR 2SC4177
Q75	8-729-117-32	s TRANSISTOR 2SC4177
Q76	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q77	8-729-903-10	s TRANSISTOR FMW1
Q78	8-729-905-18	s TRANSISTOR DTC144EU
Q79	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q80	8-729-905-12	s TRANSISTOR DTA144EU
Q81	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q82	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q83	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q84	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q85	8-729-905-18	s TRANSISTOR DTC144EU
Q86	8-729-905-18	s TRANSISTOR DTC144EU
Q87	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q88	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q91	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q92	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q93	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q94	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q95	8-729-905-23	s TRANSISTOR 2SA1576-R
Q700	8-729-905-12	s TRANSISTOR DTA144EU
Q701	8-729-905-23	s TRANSISTOR 2SA1576-R
Q702	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q703	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q704	8-729-905-23	s TRANSISTOR 2SA1576-R
Q705	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q706	8-729-120-28	s TRANSISTOR 2SC1623-L5L6

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Ref. No. or Q'ty	Part No.	SP Description
Q707	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q708	8-729-905-23	s TRANSISTOR 2SA1576-R
Q709	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q710	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q711	8-729-905-18	s TRANSISTOR DTC144EU
Q712	8-729-905-12	s TRANSISTOR DTA144EU
Q713	8-729-905-23	s TRANSISTOR 2SA1576-R
Q714	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q715	8-729-905-23	s TRANSISTOR 2SA1576-R
Q716	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q717	8-729-905-23	s TRANSISTOR 2SA1576-R
Q718	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q719	8-729-905-23	s TRANSISTOR 2SA1576-R
Q720	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q721	8-729-202-38	s TRANSISTOR 2SC3326N
Q722	8-729-202-38	s TRANSISTOR 2SC3326N
Q723	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q724	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q725	8-729-202-38	s TRANSISTOR 2SC3326N
Q726	8-729-202-38	s TRANSISTOR 2SC3326N
Q727	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q728	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q729	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q731	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q732	8-729-905-23	s TRANSISTOR 2SA1576-R
Q733	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q734	8-729-202-38	s TRANSISTOR 2SC3326N
Q735	8-729-202-38	s TRANSISTOR 2SC3326N
Q736	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q737	8-729-905-12	s TRANSISTOR DTA144EU
Q750	8-729-900-65	s TRANSISTOR DTA144ES
Q751	8-729-900-65	s TRANSISTOR DTA144ES
Q752	8-729-900-65	s TRANSISTOR DTA144ES
R1	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R2	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R3	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R4	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R5	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R6	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R7	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R8	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R9	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R10	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R11	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R12	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R13	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R14	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R15	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R16	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R17	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R18	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R19	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R21	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R23	1-218-695-11	s METAL, CHIP 1.3K 0.50% 1/16W
R24	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R25	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R26	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R27	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R28	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R31	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R32	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R33	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R34	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R35	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R36	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R37	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R38	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R39	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R40	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R41	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R43	1-218-671-11	s METAL, CHIP 130 0.50% 1/16W
R45	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R50	1-218-288-11	s METAL, CHIP 300 5% 1/16W
R52	1-218-288-11	s METAL, CHIP 300 5% 1/16W
R53	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R55	1-218-701-11	s METAL, CHIP 2.4K 0.50% 1/16W
R56	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R57	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R58	1-218-701-11	s METAL, CHIP 2.4K 0.50% 1/16W
R59	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R60	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R61	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R62	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R63	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R64	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R65	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R66	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R67	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R73	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R74	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R75	1-218-345-11	s METAL, CHIP 9.1K 5% 1/16W
R76	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R77	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R78	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R79	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R80	1-218-484-11	s METAL, CHIP 750 5% 1/16W
R82	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R83	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R84	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R89	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R90	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R91	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R92	1-218-738-11	s METAL, CHIP 82K 0.5% 1/16W
R93	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R94	1-218-705-11	s METAL, CHIP 3.6K 0.50% 1/16W
R95	1-218-705-11	s METAL, CHIP 3.6K 0.50% 1/16W
R96	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R97	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R98	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R99	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R100	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R101	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R102	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R103	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R104	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R105	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R106	1-216-837-11	s METAL, CHIP 22K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R107	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R108	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R109	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R110	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R111	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R112	1-218-740-11	s METAL, CHIP 100K 0.50% 1/16W
R113	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R114	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R115	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R117	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R118	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R119	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R120	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R121	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R122	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R123	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R124	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R125	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R126	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R127	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R130	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R131	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R132	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R133	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R134	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R135	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R137	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R138	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R139	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R140	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R141	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R144	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R145	1-218-740-11	s METAL, CHIP 100K 0.50% 1/16W
R146	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R147	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R148	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R149	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R150	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R152	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R153	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R154	1-216-795-11	s METAL, CHIP 6.8K 0.50% 1/16W
R155	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R156	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R157	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R159	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R160	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R161	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R167	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R168	1-218-457-11	s METAL, CHIP 910 5% 1/16W
R169	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R171	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R172	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R175	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R176	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R179	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R181	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R182	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R184	1-218-744-11	s METAL, CHIP 150K 0.50% 1/16W
R185	1-216-846-11	s METAL, CHIP 120K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R187	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R188	1-218-748-11	s METAL, CHIP 220K 0.50% 1/16W
R189	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R190	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R191	1-218-671-11	s METAL, CHIP 130 0.50% 1/16W
R192	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R193	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R194	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R195	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R196	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R197	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R198	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R199	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R200	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R232	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R233	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R234	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R235	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R236	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R237	1-216-795-11	s METAL, CHIP 6.8K 0.50% 1/16W
R238	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R239	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R240	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R241	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R242	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R243	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R244	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R246	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R247	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R248	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R249	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R250	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R251	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R252	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R254	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R255	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R256	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R257	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R258	1-216-810-11	s METAL, CHIP 120 5% 1/16W
R259	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R260	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R261	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R262	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R263	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R264	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R265	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R266	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R267	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R268	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R269	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R270	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R271	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R272	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R274	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R275	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R276	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R277	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R278	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R279	1-218-705-11	s METAL, CHIP 3.6K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R280	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R281	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R282	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R283	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R284	1-218-688-11	s METAL, CHIP 680 0.50% 1/16W
R286	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R287	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R288	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R289	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R290	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R291	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R292	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R293	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R294	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R295	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R296	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R306	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R307	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R308	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R309	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R311	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R312	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R313	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R314	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R315	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R319	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R320	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R321	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R322	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R323	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R324	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R325	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R326	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R327	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R328	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R329	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R331	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R334	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R335	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R336	1-218-729-11	s METAL, CHIP 36K 0.50% 1/16W
R340	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R341	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R342	1-216-851-11	s METAL, CHIP 330K 5% 1/16W
R343	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R344	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R345	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R348	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R350	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R351	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R352	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R353	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R354	1-218-727-11	s METAL, CHIP 30K 0.50% 1/16W
R355	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R360	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R361	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R364	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R365	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R700	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R701	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R702	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R703	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R704	1-218-272-11	s METAL, CHIP 5.1K 5% 1/16W
R705	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R706	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R707	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R708	1-218-272-11	s METAL, CHIP 5.1K 5% 1/16W
R709	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R710	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R711	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R712	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R714	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R715	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R716	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R717	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R718	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R719	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R720	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R721	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R722	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R723	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R724	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R725	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R726	1-218-688-11	s METAL, CHIP 680 0.50% 1/16W
R727	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R728	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R729	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R730	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R731	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R732	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R733	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R734	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R735	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R736	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R737	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R738	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R739	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R740	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R741	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R742	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R743	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R744	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R745	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R746	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R747	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R749	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R751	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R752	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R753	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R754	1-218-705-11	s METAL, CHIP 3.6K 0.50% 1/16W
R757	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R758	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R759	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R760	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R761	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R762	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R763	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R764	1-216-812-11	s METAL, CHIP 180 5% 1/16W
R766	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

(MD-81 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R768	1-216-806-11	s METAL, CHIP 56 5% 1/16W
R769	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R771	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R772	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R773	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R774	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R775	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R776	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R777	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R779	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R780	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R782	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R784	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R785	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R786	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R787	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R788	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R789	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R790	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R792	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R793	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R794	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R795	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R796	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R797	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R798	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R799	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R800	1-218-313-11	s METAL, CHIP 560 1% 1/16W
R801	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R802	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R804	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R805	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R807	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R808	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R810	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R812	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R813	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R814	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R815	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R816	1-220-373-11	s METAL, CHIP 62K 0.50% 1/16W
R817	1-220-373-11	s METAL, CHIP 62K 0.50% 1/16W
R818	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R819	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R820	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R821	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R822	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R823	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R824	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R825	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R826	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R828	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R829	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R830	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R833	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R850	1-249-415-11	s CARBON 680 5% 1/4W
R851	1-249-415-11	s CARBON 680 5% 1/4W
R852	1-249-415-11	s CARBON 680 5% 1/4W
RV1	1-238-798-11	s RES, ADJ METAL 500

(MD-81 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV2	1-238-801-11	s RES, ADJ METAL 5K
RV3	1-238-801-11	s RES, ADJ METAL 5K
RV4	1-238-803-11	s RES, ADJ METAL 20K
RV5	1-238-803-11	s RES, ADJ METAL 20K
RV6	1-238-801-11	s RES, ADJ METAL 5K
RV7	1-238-801-11	s RES, ADJ METAL 5K
RV8	1-238-801-11	s RES, ADJ METAL 5K
RV10	1-238-804-11	s RES, ADJ METAL 50K
RV13	1-238-799-11	s RES, ADJ METAL 1K
RV14	1-238-802-11	s RES, ADJ METAL 10K
RV15	1-238-801-11	s RES, ADJ METAL 5K
RV16	1-238-801-11	s RES, ADJ METAL 5K
RV17	1-238-799-11	s RES, ADJ METAL 1K
RV700	1-238-799-11	s RES, ADJ METAL 1K
RV701	1-238-800-11	s RES, ADJ METAL 2K
RV703	1-238-800-11	s RES, ADJ METAL 2K
RV704	1-238-800-11	s RES, ADJ METAL 2K
RV705	1-238-800-11	s RES, ADJ METAL 2K
RV706	1-238-800-11	s RES, ADJ METAL 2K
RV707	1-238-800-11	s RES, ADJ METAL 2K
X1	1-577-080-11	s CRYSTAL 3.579545Hz

MS-36 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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1pc	A-7071-498-A	o MOUNTED CIRCUIT BOARD, MS-36
1pc	1-163-038-11	s CAP, CHIP CERAMIC 0.1MF 25V
1pc	1-506-485-11	o PIN, CONNECTOR, 6P

MT-57A BOARD

Ref. No. or Q'ty	Part No.	SP Description
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1pc	A-8271-224-A	o MOUNTED CIRCUIT BOARD, MT-57A
2pcs	1-520-506-11	s METER, AUDIO LEVEL
2pcs	3-738-923-01	o HOLDER, LED

CN802	1-506-483-21	s CONNECTOR, 4P, MALE
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D1	8-719-820-27	s LED TLY-256, YELLOW
D2	8-719-820-27	s LED TLY-256, YELLOW
D3	8-719-820-27	s LED TLY-256, YELLOW
D4	8-719-820-27	s LED TLY-256, YELLOW

R1	1-249-411-11	s CARBON 330 5% 1/4W
R2	1-249-411-11	s CARBON 330 5% 1/4W

PD-62 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-713-A	o MOUNTED CIRCUIT BOARD, PD-62
C101	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C102	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C103	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C104	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C105	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C106	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C107	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C108	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C109	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C110	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C111	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C112	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
CN252	1-563-863-21	o CONNECTOR, 26P, MALE
IC102	8-752-331-00	s IC CXK5864BM-12L
IC103	8-752-331-00	s IC CXK5864BM-12L
IC104	8-759-926-77	s IC SN74HC541NS
IC105	8-759-926-77	s IC SN74HC541NS
IC106	8-759-926-77	s IC SN74HC541NS
L101	1-410-393-11	s INDUCTOR CHIP 100UH
L102	1-410-393-11	s INDUCTOR CHIP 100UH
L103	1-410-393-11	s INDUCTOR CHIP 100UH
L104	1-410-393-11	s INDUCTOR CHIP 100UH
R101	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R102	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R103	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R104	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R105	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R106	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R107	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R108	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R109	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R110	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R111	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R112	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R113	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R114	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R115	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R116	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R117	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R118	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R119	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R120	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R121	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R122	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R123	1-216-089-00	s METAL, CHIP 47K 5% 1/10W

PRE-10 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-233-A	o MOUNTED CIRCUIT BOARD, PRE-10
1pc	3-947-136-01	o PLATE, SHIELD, RF
1pc	7-682-903-01	s SCREW +PWH 3X5
C1	1-124-477-11	s ELECT 47uF 20% 25V
C2	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C3	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C4	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C5	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C6	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C7	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C8	1-124-477-11	s ELECT 47uF 20% 25V
C9	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C11	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C12	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C13	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C14	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C15	1-124-477-11	s ELECT 47uF 20% 25V
C16	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C17	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C18	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C19	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C20	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C21	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C22	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C23	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C24	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C25	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C27	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C28	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C29	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C30	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C31	1-124-477-11	s ELECT 47uF 20% 25V
C32	1-124-477-11	s ELECT 47uF 20% 25V
C34	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C35	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C36	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C37	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C38	1-124-477-11	s ELECT 47uF 20% 25V
C39	1-124-477-11	s ELECT 47uF 20% 25V
C40	1-124-477-11	s ELECT 47uF 20% 25V
C41	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C42	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C43	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C44	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C45	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C46	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C47	1-124-477-11	s ELECT 47uF 20% 25V
C48	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C49	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C51	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C52	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C53	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C54	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C55	1-124-477-11	s ELECT 47uF 20% 25V
C56	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C57	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C58	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C59	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V

(PRE-10 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C62	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C63	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C64	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C65	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C66	1-124-477-11	s ELECT 47uF 20% 25V
C67	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C68	1-124-477-11	s ELECT 47uF 20% 25V
C70	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C71	1-124-477-11	s ELECT 47uF 20% 25V
C72	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C73	1-124-477-11	s ELECT 47uF 20% 25V
C74	1-124-477-11	s ELECT 47uF 20% 25V
C75	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C76	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C77	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C78	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C79	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C80	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C81	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C82	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C83	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C84	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C100	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C101	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C102	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C103	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C104	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C105	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C106	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C107	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C150	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C151	1-162-995-11	s CERAMIC, CHIP 0.022uF 50V
C152	1-164-816-11	s CERAMIC, CHIP 220PF 2% 50V
C153	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C158	1-162-217-31	s CERAMIC 56PF 5% 50V
C159	1-162-284-31	s CERAMIC 150PF 10% 50V
C160	1-162-211-31	s CERAMIC 33PF 5% 50V
CN1	1-506-472-11	s CONNECTOR 7P, MALE
CN511	1-506-480-11	s CONNECTOR, 15P, MALE
CN512	1-568-964-11	s CONNECTOR, 6P, MALE
CN513	1-566-761-11	o CONNECTOR 6P, MALE
DL1	1-415-162-21	s DELAY LINE 50nS
IC1	8-752-030-66	s IC CXA1077M
IC2	8-759-923-63	s IC TL592PS
IC3	8-759-923-63	s IC TL592PS
IC4	8-759-710-86	s IC NJM2233BM-T1
IC5	8-759-710-86	s IC NJM2233BM-T1
IC6	8-759-925-76	s IC SN74HC08NS
IC7	8-759-925-74	s IC TC74HC04NS
IC8	8-752-030-66	s IC CXA1077M
IC9	8-759-923-63	s IC TL592PS
IC10	8-759-923-63	s IC TL592PS
IC11	8-759-710-86	s IC NJM2233BM-T1
IC12	8-759-710-86	s IC NJM2233BM-T1
IC13	8-759-923-63	s IC TL592PS
IC14	8-759-710-86	s IC NJM2233BM-T1
L1	1-408-785-21	s INDUCTOR CHIP 47UH

(PRE-10 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
L2	1-408-785-21	s INDUCTOR CHIP 47UH
L3	1-408-785-21	s INDUCTOR CHIP 47UH
L4	1-408-785-21	s INDUCTOR CHIP 47UH
L5	1-408-785-21	s INDUCTOR CHIP 47UH
L6	1-408-785-21	s INDUCTOR CHIP 47UH
L7	1-408-785-21	s INDUCTOR CHIP 47UH
L8	1-408-785-21	s INDUCTOR CHIP 47UH
L9	1-408-785-21	s INDUCTOR CHIP 47UH
L10	1-408-785-21	s INDUCTOR CHIP 47UH
L11	1-408-785-21	s INDUCTOR CHIP 47UH
L12	1-408-785-21	s INDUCTOR CHIP 47UH
L13	1-408-785-21	s INDUCTOR CHIP 47UH
L14	1-410-375-11	s INDUCTOR, CHIP 3.3uH
L15	1-410-375-11	s INDUCTOR, CHIP 3.3uH
L16	1-408-785-21	s INDUCTOR CHIP 47UH
L17	1-408-785-21	s INDUCTOR CHIP 47UH
Q1	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q2	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q4	8-729-905-23	s TRANSISTOR 2SA1576-R
Q5	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q6	8-729-202-38	s TRANSISTOR 2SC3326N
Q7	8-729-202-38	s TRANSISTOR 2SC3326N
Q8	8-729-202-38	s TRANSISTOR 2SC3326N
Q9	8-729-202-38	s TRANSISTOR 2SC3326N
Q10	8-729-905-18	s TRANSISTOR DTC144EU
Q11	8-729-905-23	s TRANSISTOR 2SA1576-R
Q12	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q13	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q14	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q15	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q16	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q17	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q18	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q19	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q20	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q21	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q22	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q23	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q24	8-729-202-38	s TRANSISTOR 2SC3326N
Q25	8-729-202-38	s TRANSISTOR 2SC3326N
Q150	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R1	1-218-735-11	s METAL, CHIP 62K 0.50% 1/16W
R2	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R3	1-218-735-11	s METAL, CHIP 62K 0.50% 1/16W
R4	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R7	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R8	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R9	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R10	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R11	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R12	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R13	1-218-735-11	s METAL, CHIP 62K 0.50% 1/16W
R15	1-218-735-11	s METAL, CHIP 62K 0.50% 1/16W
R19	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R20	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R21	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

(PRE-10 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R22	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R23	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R26	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R27	1-218-688-11	s METAL, CHIP 680 0.50% 1/16W
R29	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R30	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R31	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R32	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R33	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R34	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R35	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R36	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R37	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R38	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R39	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R40	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R42	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R43	1-220-373-11	s METAL, CHIP 62K 0.50% 1/16W
R44	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R45	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R46	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R47	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R48	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R49	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R50	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R51	1-220-373-11	s METAL, CHIP 62K 0.50% 1/16W
R52	1-218-270-11	s METAL, CHIP 1.1K 5% 1/16W
R53	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R54	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R55	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R56	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R57	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R58	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R59	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R60	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R61	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R62	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R65	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R66	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R67	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R68	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R69	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R70	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R71	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R73	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R77	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R78	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R79	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R80	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R81	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R86	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R89	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R90	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R91	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R92	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R94	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R95	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R96	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R97	1-216-845-11	s METAL, CHIP 100K 5% 1/16W

(PRE-10 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R99	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R101	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R102	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R104	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R105	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R106	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R107	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R108	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R109	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R110	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R111	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R112	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R113	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R114	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R115	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R116	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R150	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R151	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R152	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R153	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R154	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R155	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R156	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R157	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R160	1-249-429-11	s CARBON 10K 5% 1/4W
RV1	1-238-784-11	s RES, ADJ METAL 1K
RV2	1-238-784-11	s RES, ADJ METAL 1K
RV3	1-238-784-11	s RES, ADJ METAL 1K
RV4	1-238-784-11	s RES, ADJ METAL 1K
RV5	1-238-784-11	s RES, ADJ METAL 1K
RV6	1-238-784-11	s RES, ADJ METAL 1K
RV7	1-238-784-11	s RES, ADJ METAL 1K
RV8	1-238-784-11	s RES, ADJ METAL 1K

PTC-32 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-564-026-00	o CONTACT, FEMALE, AWG26-30
1pc	1-622-638-11	o PRINTED CIRCUIT BOARD, PTC-32
C1	1-124-234-00	s ELECT 22uF 20% 16V
CN4	1-562-151-11	s HOUSING, 6P
IC1	8-719-939-50	s PHOTOINTERRUPTER GP-1L52
IC2	8-719-939-50	s PHOTOINTERRUPTER GP-1L52
IC3	8-719-940-86	s PHOTOINTERRUPTER GP-1L53
IC4	8-719-939-50	s PHOTOINTERRUPTER GP-1L52
IC5	8-759-133-90	s IC UPC339C

RM-101 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-970-11	o PRINTED CIRCUIT BOARD, RM-101
CN1021	1-566-319-11	o CONNECTOR, D-SUB 15P, MALE

RM-122 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-971-11	o PRINTED CIRCUIT BOARD, RM-122
CN1022	1-563-770-11	s CONNECTOR, D-SUB 9P, FEMALE

RS-31 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7061-818-A	o MOUNTED CIRCUIT BOARD, RS-31
1pc	1-559-762-11	o CABLE, FLAT 22P
1pc	3-712-410-01	s HOLDER, RS
CN304	1-563-494-11	o CONNECTOR, FPC 6P, FEMALE
CN305	1-565-211-11	o CONNECTOR, FPC (ZIF) 22P FEMALE
D320	8-719-800-76	s DIODE 1SS226
D321	8-719-800-76	s DIODE 1SS226
IC301	8-759-908-81	s IC MB3763PF
IC302	8-759-908-81	s IC MB3763PF
PH301	8-719-939-11	s PHOTOINTERRUPTER GP-2S09-B
PH302	8-719-939-11	s PHOTOINTERRUPTER GP-2S09-B
PH303	8-719-939-11	s PHOTOINTERRUPTER GP-2S09-B
PS301	▲1-532-727-11	s LINK, IC 0.25A
Q301	8-729-805-25	s TRANSISTOR 2SB1121-S
Q302	8-729-216-22	s TRANSISTOR 2SA1162
Q303	8-729-216-22	s TRANSISTOR 2SA1162
Q304	8-729-216-22	s TRANSISTOR 2SA1162
Q305	8-729-901-01	s TRANSISTOR DTC144EK
Q306	8-729-901-01	s TRANSISTOR DTC144EK
Q307	8-729-901-01	s TRANSISTOR DTC144EK
R302	1-216-174-00	s METAL CHIP 100 5% 1/8W
R303	1-216-186-00	s METAL 330 5% 1/8W

SST-2 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-231-A	o MOUNTED CIRCUIT BOARD, SST-2
1pc	1-526-659-00	o SOCKET, IC 28P
1pc	3-947-144-01	o BRACKET, SST
2pcs	7-682-903-01	s SCREW +PWH 3X5
C1	1-130-487-00	s MYLAR 0.022uF 5% 50V
C2	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C3	1-130-487-00	s MYLAR 0.022uF 5% 50V
C4	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C5	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C6	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C7	1-126-204-11	s ELECT 47uF 20% 16V
C8	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C9	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C10	1-126-395-11	s ELECT 22uF 20% 16V
C11	1-126-204-11	s ELECT 47uF 20% 16V
C12	1-135-155-21	s TANTALUM, CHIP 4.7uF 10% 16V
C13	1-126-193-11	s ELECT 1uF 20% 50V
C14	1-126-603-11	s ELECT 4.7uF 20% 35V
C15	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C16	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C17	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C18	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C19	1-162-910-11	s CERAMIC, CHIP 5PF 50V
C20	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C21	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C22	1-126-204-11	s ELECT 47uF 20% 16V
C23	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C24	1-126-204-11	s ELECT 47uF 20% 16V
C25	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C27	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C28	1-126-204-11	s ELECT 47uF 20% 16V
C29	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C30	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C31	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C40	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C41	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C42	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C100	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C101	1-130-471-00	s MYLAR 0.001uF 5% 50V
C102	1-130-473-00	s MYLAR 0.0015uF 5% 50V
C103	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C104	1-107-163-11	s MICA 47PF 5% 500
C105	1-130-471-00	s MYLAR 0.001uF 5% 50V
C106	1-130-477-00	s MYLAR 0.0033uF 5% 50V
C108	1-130-475-00	s MYLAR 0.0022uF 5% 50V
C109	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C110	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C151	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C152	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C153	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C154	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C155	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C156	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C157	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C158	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C159	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C160	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C161	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C162	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C163	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C164	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C165	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C166	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C167	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C168	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C169	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C201	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C202	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C203	1-130-491-00	s MYLAR 0.047uF 5% 50V
C204	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C205	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C206	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C216	1-126-204-11	s ELECT 47uF 20% 16V
C217	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C218	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C219	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C220	1-130-471-00	s MYLAR 0.001uF 5% 50V
C221	1-130-471-00	s MYLAR 0.001uF 5% 50V
C222	1-162-966-11	s CERAMIC, CHIP 0.0022uF 10% 50V
C401	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C402	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C403	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C404	1-126-602-11	s ELECT 3.3uF 20% 50V
C405	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C406	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C407	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C408	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C409	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C410	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C411	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C412	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C413	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C414	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C415	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C416	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C417	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C418	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C419	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C420	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C421	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C422	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C423	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C424	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C425	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C426	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C427	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C428	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C429	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C432	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C433	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C434	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C435	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C436	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C437	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C440	1-163-031-11	s CERAMIC, CHIP 0.01uF 50V
C441	1-163-031-11	s CERAMIC, CHIP 0.01uF 50V
C450	1-126-233-11	s ELECT 22uF 20% 50V
C501	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C502	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C503	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C504	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C505	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C509	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C510	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C511	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C512	1-126-395-11	s ELECT 22uF 20% 16V
C513	1-124-779-00	s ELECT 10uF 20% 16V
C514	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C516	1-125-579-11	s DOUBLE LAYERS 0.1FARAD 5.5V
C517	1-126-397-11	s ELECT, CHIP 33uF 20% 25V
C518	1-162-967-11	s CERAMIC, CHIP 0.0033uF 10% 50V
C519	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C520	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C521	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C522	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C523	1-126-204-11	s ELECT 47uF 20% 16V
C601	1-124-779-00	s ELECT 10uF 20% 16V
C602	1-124-779-00	s ELECT 10uF 20% 16V
C603	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C604	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C605	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C606	1-126-193-11	s ELECT 1uF 20% 50V
C607	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C608	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C609	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C610	1-135-179-21	s TANTALUM 2.2uF 10% 16V
C611	1-124-779-00	s ELECT 10uF 20% 16V
C612	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C613	1-126-204-11	s ELECT 47uF 20% 16V
C614	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C615	1-162-966-11	s CERAMIC, CHIP 0.0022uF 10% 50V
C617	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C618	1-126-204-11	s ELECT 47uF 20% 16V
C619	1-126-204-11	s ELECT 47uF 20% 16V
C620	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C621	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C622	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C623	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C624	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C625	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C626	1-126-204-11	s ELECT 47uF 20% 16V
C627	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C628	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C631	1-126-204-11	s ELECT 47uF 20% 16V
C701	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C702	1-124-779-00	s ELECT 10uF 20% 16V
C703	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C704	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C705	1-124-779-00	s ELECT 10uF 20% 16V
C706	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C707	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C708	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C709	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C710	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C711	1-162-967-11	s CERAMIC, CHIP 0.0033uF 10% 50V
C712	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C713	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C714	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C715	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C716	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C717	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C718	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C719	1-126-193-11	s ELECT 1uF 20% 50V
C720	1-126-193-11	s ELECT 1uF 20% 50V
C721	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C722	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C723	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C724	1-162-924-11	s CERAMIC 56PF 5% 50V
C725	1-162-965-11	s CERAMIC, CHIP 0.0015uF 10% 50V
C726	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C727	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C728	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C729	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C730	1-124-779-00	s ELECT 10uF 20% 16V
C731	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C732	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C733	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C734	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C735	1-126-601-11	s ELECT 2.2uF 20% 50V
C736	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C737	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C738	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C739	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C740	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C741	1-126-204-11	s ELECT 47uF 20% 16V
C742	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C743	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C744	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C745	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C746	1-124-779-00	s ELECT 10uF 20% 16V
C747	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C754	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C755	1-124-779-00	s ELECT 10uF 20% 16V
C759	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C760	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C804	1-126-204-11	s ELECT 47uF 20% 16V
C805	1-126-204-11	s ELECT 47uF 20% 16V
C806	1-126-187-11	s ELECT 0.1uF 20% 50V
C807	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C808	1-126-602-11	s ELECT 3.3uF 20% 50V
C809	1-124-779-00	s ELECT 10uF 20% 16V
C810	1-124-779-00	s ELECT 10uF 20% 16V
C811	1-124-779-00	s ELECT 10uF 20% 16V
C812	1-124-779-00	s ELECT 10uF 20% 16V
C813	1-126-193-11	s ELECT 1uF 20% 50V
C814	1-126-193-11	s ELECT 1uF 20% 50V
C815	1-126-193-11	s ELECT 1uF 20% 50V
C816	1-126-193-11	s ELECT 1uF 20% 50V
C817	1-126-200-11	s ELECT 10uF 20% 35V
C820	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C821	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C822	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C823	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C824	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C825	1-126-602-11	s ELECT 3.3uF 20% 50V
C826	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C827	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C828	1-126-395-11	s ELECT 22uF 20% 16V
C829	1-126-395-11	s ELECT 22uF 20% 16V
C830	1-126-395-11	s ELECT 22uF 20% 16V
C831	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C832	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C836	1-163-036-00	s CERAMIC, CHIP 0.068 50V
C837	1-126-189-11	s ELECT 0.22uF 20% 50V
C838	1-126-204-11	s ELECT 47uF 20% 16V
C839	1-126-529-11	s ELECT 0.47uF 20% 50V
C840	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C841	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C842	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C843	1-126-501-11	s ELECT 0.15uF 20% 50V
C844	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C902	1-126-395-11	s ELECT 22uF 20% 16V
C903	1-126-395-11	s ELECT 22uF 20% 16V
C904	1-126-395-11	s ELECT 22uF 20% 16V
C905	1-126-601-11	s ELECT 2.2uF 20% 50V
C906	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C907	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C908	1-124-779-00	s ELECT 10uF 20% 16V
C909	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C910	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C911	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C912	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C913	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C914	1-126-204-11	s ELECT 47uF 20% 16V
C915	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C916	1-126-530-11	s ELECT 22uF 20% 10V
C917	1-126-530-11	s ELECT 22uF 20% 10V
C918	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C919	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C950	1-163-036-00	s CERAMIC, CHIP 0.068 50V
C951	1-126-200-11	s ELECT 10uF 20% 35V
C952	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C953	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C954	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C955	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C1001	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C1002	1-162-974-11	s CERAMIC 0.01uF 50V
C1003	1-162-974-11	s CERAMIC 0.01uF 50V
C1004	1-162-974-11	s CERAMIC 0.01uF 50V
C1005	1-162-974-11	s CERAMIC 0.01uF 50V
C1906	1-126-194-21	s ELECT 1.5uF 20% 50V
C1907	1-131-587-11	s TANTALUM 0.68uF 5% 35V
CN31	1-506-468-11	s CONNECTOR 3P, MALE
CN51	1-506-475-11	s CONNECTOR, 10P, MALE
CN52	1-506-474-11	s CONNECTOR 9P, MALE
CN53	1-506-475-11	o CONNECTOR, 10P, MALE
CN54	1-506-475-11	o CONNECTOR, 10P, MALE
CN55	1-506-473-11	s CONNECTOR 8P, MALE
CN61	1-506-469-11	s CONNECTOR 4P, MALE
CN62	1-506-469-11	s CONNECTOR 4P, MALE
CN63	1-506-467-11	s CONNECTOR 2P, MALE
CN005	1-506-470-11	s CONNECTOR 5P, MALE
CN307	1-506-483-21	s CONNECTOR, 4P, MALE
CN308	1-506-473-11	s CONNECTOR 8P, MALE

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Ref. No. or Q'ty	Part No.	SP Description
CN309	1-506-482-11	s CONNECTOR 3P, MALE
CN311	1-563-863-21	o CONNECTOR, 26P, MALE
CN312	1-563-863-21	o CONNECTOR, 26P, MALE
CN313	1-563-863-21	o CONNECTOR, 26P, MALE
CN314	1-563-863-21	o CONNECTOR, 26P, MALE
CN315	1-563-863-21	o CONNECTOR, 26P, MALE
CN316	1-506-471-11	s CONNECTOR 6P, MALE
CN318	1-506-477-11	s CONNECTOR 12P, MALE
CN319	1-506-477-11	s CONNECTOR 12P, MALE
CN320	1-506-473-11	s CONNECTOR 8P, MALE
CN321	1-564-209-00	o CONNECTOR, IL-S 10P, MALE
CN322	1-506-477-11	s CONNECTOR 12P, MALE
CN323	1-506-475-11	s CONNECTOR, 10P, MALE
CN324	1-506-473-11	o CONNECTOR 8P, MALE
CN325	1-506-471-11	s CONNECTOR 6P, MALE
CN326	1-506-480-11	o CONNECTOR, 15P, MALE
CN327	1-506-476-11	o CONNECTOR, 11P, MALE
CN328	1-506-475-11	s CONNECTOR, 10P, MALE
CN329	1-506-487-11	s CONNECTOR 8P, MALE
CN330	1-506-477-11	s CONNECTOR 12P, MALE
COP1	1-566-388-11	s CONNECTOR 8P, MALE
COR1	1-563-859-11	s PLUG, SHORTING
CV100	1-141-227-00	s CAP, TRIMMER 20PF
D1	8-719-104-34	s DIODE 1S2835
D2	8-719-104-34	s DIODE 1S2835
D5	8-719-200-02	s DIODE 10E2
D6	8-719-200-02	s DIODE 10E2
D10	8-719-800-76	s DIODE 1SS226
D11	8-719-800-76	s DIODE 1SS226
D12	8-719-104-34	s DIODE 1S2835
D201	8-719-104-34	s DIODE 1S2835
D203	8-719-104-34	s DIODE 1S2835
D204	8-719-104-34	s DIODE 1S2835
D206	8-719-104-34	s DIODE 1S2835
D401	8-719-800-76	s DIODE 1SS226
D402	8-719-800-76	s DIODE 1SS226
D403	8-719-800-76	s DIODE 1SS226
D404	8-719-800-76	s DIODE 1SS226
D405	8-719-800-76	s DIODE 1SS226
D406	8-719-800-76	s DIODE 1SS226
D407	8-719-800-76	s DIODE 1SS226
D408	8-719-800-76	s DIODE 1SS226
D410	8-719-911-19	s DIODE 1SS119
D502	8-719-104-34	s DIODE 1S2835
D504	8-719-104-34	s DIODE 1S2835
D505	8-719-104-34	s DIODE 1S2835
D506	8-719-104-34	s DIODE 1S2835
D602	8-719-800-76	s DIODE 1SS226
D603	8-719-800-76	s DIODE 1SS226
D701	8-719-025-29	s DIODE 02CZ5.1
D802	8-719-800-76	s DIODE 1SS226
D811	8-719-200-27	s DIODE E10DS2
D904	8-719-800-76	s DIODE 1SS226
D906	8-719-800-76	s DIODE 1SS226
D907	8-719-800-76	s DIODE 1SS226
D908	8-719-800-76	s DIODE 1SS226
D909	8-719-800-76	s DIODE 1SS226

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Ref. No. or Q'ty	Part No.	SP Description
D1001	8-719-820-61	s DIODE 1SS294
D1002	8-719-104-34	s DIODE 1S2835
IC1	8-759-072-59	s IC TMP284C011BF-6
IC3	8-752-331-00	s IC CXK5864BM-12L
IC4	8-752-323-26	s IC CXK1009P
IC5	8-759-072-60	s IC Z84C4306FEC
IC6	8-759-938-68	s IC CXD1095Q
IC8	8-759-009-51	s IC MC14538BF
IC9	8-759-925-74	s IC TC74HC04NS
IC10	8-759-991-86	s IC 74F115J
IC11	8-759-009-10	s IC MC14069UBF
IC13	8-759-925-85	s IC SN74HC32NS
IC14	8-759-926-12	s IC SN74HC139NS
IC15	8-759-925-74	s IC TC74HC04NS
IC16	8-759-146-83	s IC UPD7564CS-110
IC17	8-759-989-03	s IC 74F32SJ
IC18	8-759-925-80	s IC SN74HC14NS
IC19	8-759-925-76	s IC SN74HC08NS
IC21	8-759-925-74	s IC TC74HC04NS
IC22	8-759-937-97	s IC MC3486N
IC23	8-759-937-96	s IC MC3487N
IC51	8-759-938-68	s IC CXD1095Q
IC52	8-759-926-77	s IC SN74HC541NS
IC53	8-759-926-82	s IC SN74HC574ANS
IC54	8-759-925-85	s IC SN74HC32NS
IC100	8-759-908-23	s IC MB88303
IC101	8-759-009-51	s IC MC14538BF
IC102	8-759-009-51	s IC MC14538BF
IC103	8-759-925-05	s IC LM2903PS
IC104	8-759-008-86	s IC MC14017BF
IC105	8-759-925-90	s IC SN74HC74NS
IC107	8-759-008-82	s IC MC14013BF
IC201	8-759-144-89	s IC UPD75108G-E30-1B
IC202	8-759-926-37	s IC SN74HC193NS
IC203	8-759-925-90	s IC SN74HC74NS
IC204	8-759-926-37	s IC SN74HC193NS
IC208	8-759-925-80	s IC SN74HC14NS
IC209	8-759-925-85	s IC SN74HC32NS
IC210	8-759-925-81	s IC SN74HC20ANS
IC211	8-759-925-81	s IC SN74HC20ANS
IC212	8-759-925-76	s IC SN74HC08NS
IC213	8-759-925-76	s IC SN74HC08NS
IC214	8-759-925-80	s IC SN74HC14NS
IC216	8-759-926-18	s IC SN74HC157ANS
IC401	8-759-925-76	s IC SN74HC08NS
IC402	8-759-925-85	s IC SN74HC32NS
IC403	8-759-925-86	s IC SN74HC36NS
IC404	8-759-239-23	s IC TC74HC86AF
IC406	8-759-100-95	s IC UPC324G2
IC408	8-759-925-90	s IC SN74HC74NS
IC409	8-759-009-51	s IC MC14538BF
IC410	8-759-925-86	s IC SN74HC36NS
IC411	8-759-009-07	s IC MC14053BF
IC412	8-759-925-76	s IC SN74HC08NS
IC413	8-759-927-46	s IC SN74HC00NS
IC501	0-832-078-00	s IC CXP80116
IC502	8-759-144-21	s IC UPD75106G-573-1B

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC504	8-759-239-55	s IC TC74HC123AF
IC601	8-759-100-93	s IC UPC393G2
IC602	8-759-009-07	s IC MC14053BF
IC603	8-759-009-51	s IC MC14538BF
IC604	8-759-925-05	s IC LM2903PS
IC605	8-759-925-80	s IC SN74HC14NS
IC606	8-759-925-90	s IC SN74HC74NS
IC607	8-759-925-05	s IC LM2903PS
IC701	8-759-927-46	s IC SN74HC00NS
IC702	8-752-035-48	s IC CXA1204Q
IC703	8-759-100-95	s IC UPC324G2
IC704	8-759-009-07	s IC MC14053BF
IC705	8-752-035-48	s IC CXA1204Q
IC706	8-759-008-67	s IC MC14066BF
IC707	8-759-927-46	s IC SN74HC00NS
IC801	8-752-037-08	s IC CXA1109M
IC802	8-759-108-77	s IC CX877
IC803	8-759-100-95	s IC UPC324G2
IC804	8-759-701-24	s IC RC3414M
IC805	8-759-100-93	s IC UPC393G2
IC806	8-759-207-00	s IC A7733F
IC809	8-759-100-94	s IC UPC358G2
IC901	8-759-207-50	s IC TA7745F
IC902	8-759-100-95	s IC UPC324G2
IC903	8-759-925-66	s IC BA6303F
IC904	8-759-008-67	s IC MC14066BF
IC905	8-759-100-94	s IC UPC358G2
IC906	8-759-982-21	s IC RC78L05A
IC1001	8-759-100-97	s IC UPC339G2
IC1002	8-759-700-43	s IC NJM4558M
IC1003	8-759-008-67	s IC MC14066BF
L101	1-410-386-11	s INDUCTOR, CHIP 27uH
L401	1-410-381-11	s INDUCTOR CHIP 10UH
L601	1-410-381-11	s INDUCTOR CHIP 10UH
L701	1-408-795-21	s INDUCTOR CHIP 330UH
L702	1-410-381-11	s INDUCTOR CHIP 10UH
L703	1-410-381-11	s INDUCTOR CHIP 10UH
L704	1-410-381-11	s INDUCTOR CHIP 10UH
L705	1-410-381-11	s INDUCTOR CHIP 10UH
PS1	▲1-532-679-00	s LINK, IC 0.6A
PS2	▲1-532-637-00	s LINK, IC 1.0A
PS3	▲1-532-675-00	s LINK, IC 1.5A
PS701	▲1-532-679-00	s LINK, IC 0.6A
PS801	▲1-532-685-00	s LINK, IC 0.6A
Q1	8-729-905-18	s TRANSISTOR DTC144EU
Q2	8-729-905-12	s TRANSISTOR DTA144EU
Q3	8-729-905-18	s TRANSISTOR DTC144EU
Q4	8-729-905-18	s TRANSISTOR DTC144EU
Q6	8-729-905-18	s TRANSISTOR DTC144EU
Q8	8-729-905-18	s TRANSISTOR DTC144EU
Q15	8-729-905-18	s TRANSISTOR DTC144EU
Q16	8-729-114-43	s TRANSISTOR 2SD1309
Q17	8-729-100-66	s TRANSISTOR 2SC1623
Q18	8-729-100-66	s TRANSISTOR 2SC1623
Q19	8-729-905-12	s TRANSISTOR DTA144EU
Q20	8-729-100-66	s TRANSISTOR 2SC1623
Q21	8-729-905-18	s TRANSISTOR DTC144EU

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Ref. No. or Q'ty	Part No.	SP Description
Q201	8-729-905-18 s	TRANSISTOR DTC144EU
Q202	8-729-905-18 s	TRANSISTOR DTC144EU
Q203	8-729-905-18 s	TRANSISTOR DTC144EU
Q204	8-729-905-18 s	TRANSISTOR DTC144EU
Q205	8-729-905-23 s	TRANSISTOR 2SA1576-R
Q401	8-729-100-66 s	TRANSISTOR 2SC1623
Q501	8-729-905-18 s	TRANSISTOR DTC144EU
Q502	8-729-905-12 s	TRANSISTOR DTA144EU
Q503	8-729-905-18 s	TRANSISTOR DTC144EU
Q504	8-729-905-12 s	TRANSISTOR DTA144EU
Q505	8-729-905-18 s	TRANSISTOR DTC144EU
Q506	8-729-905-12 s	TRANSISTOR DTA144EU
Q507	8-729-905-12 s	TRANSISTOR DTA144EU
Q508	8-729-100-66 s	TRANSISTOR 2SC1623
Q509	8-729-805-25 s	TRANSISTOR 2SB1121-S
Q510	8-729-100-66 s	TRANSISTOR 2SC1623
Q511	8-729-905-18 s	TRANSISTOR DTC144EU
Q512	8-729-905-12 s	TRANSISTOR DTA144EU
Q513	8-729-905-18 s	TRANSISTOR DTC144EU
Q514	8-729-905-18 s	TRANSISTOR DTC144EU
Q515	8-729-905-23 s	TRANSISTOR 2SA1576-R
Q602	8-729-905-12 s	TRANSISTOR DTA144EU
Q603	8-729-905-23 s	TRANSISTOR 2SA1576-R
Q604	8-729-100-66 s	TRANSISTOR 2SC1623
Q605	8-729-905-23 s	TRANSISTOR 2SA1576-R
Q701	8-729-905-18 s	TRANSISTOR DTC144EU
Q702	8-729-905-12 s	TRANSISTOR DTA144EU
Q703	8-729-905-12 s	TRANSISTOR DTA144EU
Q704	8-729-905-12 s	TRANSISTOR DTA144EU
Q705	8-729-100-66 s	TRANSISTOR 2SC1623
Q706	8-729-100-66 s	TRANSISTOR 2SC1623
Q707	8-729-905-23 s	TRANSISTOR 2SA1576-R
Q708	8-729-100-66 s	TRANSISTOR 2SC1623
Q709	8-729-905-23 s	TRANSISTOR 2SA1576-R
Q710	8-729-100-66 s	TRANSISTOR 2SC1623
Q711	8-729-805-25 s	TRANSISTOR 2SB1121-S
Q712	8-729-905-12 s	TRANSISTOR DTA144EU
Q713	8-729-100-66 s	TRANSISTOR 2SC1623
Q714	8-729-905-18 s	TRANSISTOR DTC144EU
Q715	8-729-905-12 s	TRANSISTOR DTA144EU
Q716	8-729-100-66 s	TRANSISTOR 2SC1623
Q717	8-729-100-66 s	TRANSISTOR 2SC1623
Q718	8-729-905-12 s	TRANSISTOR DTA144EU
Q719	8-729-100-66 s	TRANSISTOR 2SC1623
Q720	8-729-905-18 s	TRANSISTOR DTC144EU
Q802	8-729-100-66 s	TRANSISTOR 2SC1623
Q803	8-729-111-14 s	TRANSISTOR 2SA1385-Z-L
Q804	8-729-111-14 s	TRANSISTOR 2SA1385-Z-L
Q809	8-729-111-95 s	TRANSISTOR 2SC3518-ZL
Q810	8-729-805-25 s	TRANSISTOR 2SB1121-S
Q811	8-729-805-25 s	TRANSISTOR 2SB1121-S
Q812	8-729-111-14 s	TRANSISTOR 2SA1385-Z-L
Q813	8-729-100-66 s	TRANSISTOR 2SC1623
Q814	8-729-101-73 s	TRANSISTOR 2SD992A
Q815	8-729-101-73 s	TRANSISTOR 2SD992A
Q816	8-729-101-73 s	TRANSISTOR 2SD992A
Q817	8-729-101-73 s	TRANSISTOR 2SD992A
Q818	8-729-101-73 s	TRANSISTOR 2SD992A
Q819	8-729-101-73 s	TRANSISTOR 2SD992A

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q901	8-729-920-82 s	TRANSISTOR 2SB1188-QR
Q902	8-729-920-82 s	TRANSISTOR 2SB1188-QR
Q903	8-729-920-82 s	TRANSISTOR 2SB1188-QR
Q904	8-729-905-12 s	TRANSISTOR DTA144EU
Q905	8-729-905-12 s	TRANSISTOR DTA144EU
Q906	8-729-905-18 s	TRANSISTOR DTC144EU
Q907	8-729-100-66 s	TRANSISTOR 2SC1623
Q908	8-729-905-61 s	TRANSISTOR DTC124EU
Q909	8-729-905-57 s	TRANSISTOR DTA124EU
Q950	8-729-903-97 s	TRANSISTOR FMS1FE
Q951	8-729-905-18 s	TRANSISTOR DTC144EU
Q952	8-729-905-18 s	TRANSISTOR DTC144EU
Q953	8-729-905-18 s	TRANSISTOR DTC144EU
Q954	8-729-905-12 s	TRANSISTOR DTA144EU
Q955	8-729-905-18 s	TRANSISTOR DTC144EU
Q956	8-729-905-12 s	TRANSISTOR DTA144EU
Q957	8-729-905-12 s	TRANSISTOR DTA144EU
Q958	8-729-905-18 s	TRANSISTOR DTC144EU
R1	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R2	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R3	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R4	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R5	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R6	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R7	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R8	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R9	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R10	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R11	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R12	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R13	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R14	1-216-830-11 s	METAL, CHIP 5.6K 5% 1/16W
R15	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R16	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R17	1-216-830-11 s	METAL, CHIP 5.6K 5% 1/16W
R18	1-216-840-11 s	METAL, CHIP 39K 5% 1/16W
R19	1-216-840-11 s	METAL, CHIP 39K 5% 1/16W
R20	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R21	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R22	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R24	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R25	1-216-815-11 s	METAL, CHIP 330 5% 1/16W
R26	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R27	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R28	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R29	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R30	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R31	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R32	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R33	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R34	1-216-849-11 s	METAL, CHIP 220K 5% 1/16W
R37	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R38	1-216-840-11 s	METAL, CHIP 39K 5% 1/16W
R39	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R40	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R41	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R42	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R43	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W

Ref. No. or Q'ty	Part No.	SP	Description
R44	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R45	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R46	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R48	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R49	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R50	1-216-814-11	s	METAL, CHIP 270 5% 1/16W
R51	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R56	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R57	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R58	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R59	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R60	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R61	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R62	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R63	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R64	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R65	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R66	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R67	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R69	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R70	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R71	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R72	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R73	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R74	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R75	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R76	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R77	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R78	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R79	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R83	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R84	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R85	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R86	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R87	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R88	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R89	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R90	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R91	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R100	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R101	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R102	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R104	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R106	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R107	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R108	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R109	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R111	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R112	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R113	1-216-830-11	s	METAL, CHIP 5.6K 5% 1/16W
R114	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R115	1-216-844-11	s	METAL, CHIP 82K 5% 1/16W
R116	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R118	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R123	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R124	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R128	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R130	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R131	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W

Ref. No. or Q'ty	Part No.	SP	Description						
R132	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R133	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R134	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R135	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R136	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R137	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R139	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R142	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R143	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R144	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R145	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R146	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R147	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R148	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R149	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R150	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R151	1-216-821-11	s	METAL, CHIP	1K	5%	1/16W			
R152	1-216-864-11	s	METAL, CHIP	0	5%	1/16W			
R155	1-216-864-11	s	METAL, CHIP	0	5%	1/16W			
R156	1-216-864-11	s	METAL, CHIP	0	5%	1/16W			
R157	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R158	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R159	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R160	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R161	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R162	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R163	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R164	1-216-837-11	s	METAL, CHIP	22K	5%	1/16W			
R165	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R166	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R167	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R168	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R169	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R170	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R171	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R172	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R173	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R174	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R175	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R176	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R177	1-216-833-11	s	METAL, CHIP	10K	5%	1/16W			
R178	1-216-								

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Ref. No. or Q'ty	Part No.	SP Description
R199	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R201	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R202	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R204	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R206	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R207	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R208	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R210	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R212	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R213	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R214	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R215	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R216	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R218	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R222	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R223	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R225	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R236	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R237	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R238	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R239	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R240	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R241	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R242	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R243	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R244	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R245	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R246	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R247	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R248	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R249	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R250	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R251	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R252	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R253	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R254	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R255	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R256	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R257	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R258	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R259	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R260	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R261	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R262	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R263	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R265	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R270	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R271	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R272	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R273	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R274	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R275	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R276	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R277	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R278	1-216-811-11	s METAL, CHIP 150 5% 1/16W
R279	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R280	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R281	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R282	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R283	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R284	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R285	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R286	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R287	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R288	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R289	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R290	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R291	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R292	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R293	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R294	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R295	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R296	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R297	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R298	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R301	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R302	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R305	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R306	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R307	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R308	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R309	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R310	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R311	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R312	▲ 1-207-653-00	s WIREWOUND 22 5% 3W
R350	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R351	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R352	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R353	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R354	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R355	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R356	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R357	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R358	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R359	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R360	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R361	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R362	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R363	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R364	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R365	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R366	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R367	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R374	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R375	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R376	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R377	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R378	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R379	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R380	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R382	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R383	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R386	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R387	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R388	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R389	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R390	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R401	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R402	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R403	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R404	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R405	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R406	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R407	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R408	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R409	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R410	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R411	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R412	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R413	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R414	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R415	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R416	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R417	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R418	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R419	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R420	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R421	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R422	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R423	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R424	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R425	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R426	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R427	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R428	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R429	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R430	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R431	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R432	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R434	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R435	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R436	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R437	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R438	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R439	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R440	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R442	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R443	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R444	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R447	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R448	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R453	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R454	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R455	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R474	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R475	1-216-844-11	s METAL, CHIP 82K 5% 1/16W
R476	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R477	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R478	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R479	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R480	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R481	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R482	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R483	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R485	1-247-891-00	s CARBON 330K 5% 1/4W
R501	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R502	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R503	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R504	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R505	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R506	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R507	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R508	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R509	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R510	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R511	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R512	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R514	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R515	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R516	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R518	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R519	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R520	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R521	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R522	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R523	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R524	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R525	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R526	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R527	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R528	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R529	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R530	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R531	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R533	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R534	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R535	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R536	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R537	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R541	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R542	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R543	1-218-733-11	s METAL, CHIP 51K 0.50% 1/16W
R544	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R545	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R546	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R547	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R548	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R549	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R550	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R551	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R552	1-218-723-11	s METAL, CHIP 20K 0.50% 1/16W
R553	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R554	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R555	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R556	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R557	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R558	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R559	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R560	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R561	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R562	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R563	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R564	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R565	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R566	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R567	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R568	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R569	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R570	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R571	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R572	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R573	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R574	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R575	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R576	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R577	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R578	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R579	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R580	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R581	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R582	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R583	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R584	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R585	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R586	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R587	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R588	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R589	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R590	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R591	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R592	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R593	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R594	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R595	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R597	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R601	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R602	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R603	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R604	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R605	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R606	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R607	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R608	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R609	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R610	1-216-847-11	s METAL, CHIP 150K 5% 1/16W
R611	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R612	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R613	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R614	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R615	1-216-851-11	s METAL, CHIP 330K 5% 1/16W
R616	1-216-846-11	s METAL, CHIP 120K 5% 1/16W
R617	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R618	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R619	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R620	1-216-812-11	s METAL, CHIP 180 5% 1/16W
R621	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R622	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R623	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R624	1-216-856-11	s METAL, CHIP 820K 5% 1/16W
R625	1-216-847-11	s METAL, CHIP 150K 5% 1/16W
R626	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R627	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R628	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R629	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R630	1-216-809-11	s METAL, CHIP 100 5% 1/16W

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R631	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R632	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R633	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R634	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R635	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R636	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R637	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R638	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R639	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R640	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R641	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R642	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R643	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R645	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R646	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R647	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R648	1-218-272-11	s METAL, CHIP 5.1K 5% 1/16W
R649	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R650	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R651	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R652	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R653	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R654	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R656	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R657	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R658	1-218-727-11	s METAL, CHIP 30K 0.50% 1/16W
R659	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R660	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R661	1-216-846-11	s METAL, CHIP 120K 5% 1/16W
R662	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R663	1-216-854-11	s METAL, CHIP 560K 5% 1/16W
R664	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R665	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R668	1-216-854-11	s METAL, CHIP 560K 5% 1/16W
R669	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R670	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R671	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R674	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R675	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R676	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R701	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R702	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R704	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R705	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R706	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R707	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R708	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R709	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R710	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R711	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R712	1-216-812-11	s METAL, CHIP 180 5% 1/16W
R713	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R714	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R715	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R716	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R717	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R718	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R719	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R720	1-216-837-11	s METAL, CHIP 22K 5% 1/16W

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R721	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R722	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R723	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R724	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R725	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R726	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R727	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R728	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R729	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R730	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R731	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R732	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R733	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R734	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R735	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R736	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R737	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R738	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R739	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R740	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R741	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R742	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R743	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R744	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R745	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R746	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R747	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R748	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R749	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R750	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R751	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R752	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R753	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R754	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R755	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R756	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R757	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R758	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R759	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R801	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R802	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R803	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R804	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R805	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R806	1-216-806-11	s METAL, CHIP 56 5% 1/16W
R807	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R808	1-218-707-11	s METAL, CHIP 4.3K 0.50% 1/16W
R809	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R810	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R811	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R812	1-218-720-11	s METAL, CHIP 15K 0.50% 1/16W
R813	1-218-720-11	s METAL, CHIP 15K 0.50% 1/16W
R814	1-218-751-11	s METAL, CHIP 300K 0.50% 1/16W
R815	1-218-751-11	s METAL, CHIP 300K 0.50% 1/16W
R816	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R817	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R818	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R819	1-218-744-11	s METAL, CHIP 150K 0.50% 1/16W
R820	1-216-838-11	s METAL, CHIP 27K 5% 1/16W

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R821	1-216-850-11	s METAL, CHIP 270K 5% 1/16W
R822	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R823	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R824	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R825	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R826	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R827	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R828	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R829	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R830	1-216-847-11	s METAL, CHIP 150K 5% 1/16W
R831	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R833	1-216-851-11	s METAL, CHIP 330K 5% 1/16W
R834	1-218-349-11	s METAL, CHIP 240K 5% 1/16W
R835	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R837	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R838	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R839	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R840	1-216-850-11	s METAL, CHIP 270K 5% 1/16W
R841	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R842	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R843	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R844	1-216-850-11	s METAL, CHIP 270K 5% 1/16W
R845	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R846	1-216-850-11	s METAL, CHIP 270K 5% 1/16W
R847	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R848	1-216-850-11	s METAL, CHIP 270K 5% 1/16W
R849	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R850	1-218-296-11	s METAL, CHIP 75K 5% 1/16W
R853	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R854	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R855	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R864	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R901	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R902	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R903	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R904	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R905	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R906	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R907	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R908	1-216-810-11	s METAL, CHIP 120 5% 1/16W
R909	1-216-810-11	s METAL, CHIP 120 5% 1/16W
R910	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R911	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R912	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R913	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R916	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R917	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R918	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R919	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R920	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R921	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R922	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R923	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R924	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R925	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R926	1-216-851-11	s METAL, CHIP 330K 5% 1/16W
R927	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R928	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R929	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R930	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R932	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R933	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R934	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R935	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R951	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R952	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R953	1-214-972-00	s METAL, CHIP 0.22 1% 1/4W
R954	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R955	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R957	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R958	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R959	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R960	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R961	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R962	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R963	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R964	▲ 1-207-620-00	s WIREWOUND 1 10% 3W
R965	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R966	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R967	1-216-844-11	s METAL, CHIP 82K 5% 1/16W
R968	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R969	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R970	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R971	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R1001	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1002	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R1003	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R1004	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1005	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1006	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1008	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R1009	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1010	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R1011	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1012	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1013	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1014	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1015	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R1101	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R1102	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R1501	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R1901	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R1902	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R1903	1-249-435-11	s CARBON 33K 5% 1/4W
RV2	1-238-804-11	s RES, ADJ METAL 50K
RV401	1-238-802-11	s RES, ADJ METAL 10K
RV402	1-238-802-11	s RES, ADJ METAL 10K
RV403	1-238-802-11	s RES, ADJ METAL 10K
RV404	1-238-802-11	s RES, ADJ METAL 10K
RV405	1-238-802-11	s RES, ADJ METAL 10K
RV410	1-238-802-11	s RES, ADJ METAL 10K
RV601	1-238-802-11	s RES, ADJ METAL 10K
RV602	1-238-802-11	s RES, ADJ METAL 10K
RV603	1-238-804-11	s RES, ADJ METAL 50K
RV701	1-238-802-11	s RES, ADJ METAL 10K
RV702	1-238-801-11	s RES, ADJ METAL 5K
RV703	1-238-801-11	s RES, ADJ METAL 5K
RV802	1-238-802-11	s RES, ADJ METAL 10K

(SST-2 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV803	1-238-805-11	s RES, ADJ METAL 100K
RV804	1-238-797-11	s RES, ADJ METAL 200
RV805	1-238-802-11	s RES, ADJ METAL 10K
RV901	1-238-807-11	s RES, ADJ METAL 500K
RV1001	1-238-804-11	s RES, ADJ METAL 50K
S1	1-571-787-11	s SWITCH, PUSH
S2	1-553-977-00	s SWITCH, SLIDE
S401	1-570-598-11	s SWITCH, DIP 4-CKT
X1	1-567-870-11	s RESONATOR, CERAMIC 614KHz
X2	1-567-797-11	s RESENTOR, CERAMIC 12.0MHz
X3	1-567-870-11	s RESONATOR, CERAMIC 614KHz
X201	1-567-192-11	s RESONATOR, CERAMIC 4.00MHz
X401	1-567-865-11	s CRYSTAL, 12.00MHz
X501	1-577-116-21	s CRYSTAL 16MHz
X502	1-567-160-21	s RESONATOR, CERAMIC 4.19MHz
X701	1-567-735-11	s CRYSTAL 5.94755MHz

SW-466 BOARD		

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-870-11	o PRINTED CIRCUITBOARD, SW-466
CN244	1-506-468-11	s CONNECTOR 3P, MALE
S1	1-516-961-00	s SWITCH, LEVER SLIDE

SW-467 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-952-13	o PRINTED CIRCUIT BOARD, SW-467
1pc	3-697-607-01	o HOLDER (SU), LED
CN246	1-506-478-11	s CONNECTOR, 13P, MALE
CN247	1-506-489-11	s CONNECTOR 10P, MALE
CN248	1-506-492-11	o CONNECTOR, 13P, MALE
CN249	1-506-469-11	s CONNECTOR 4P, MALE
D30	8-719-812-43	s LED TLG124A, GRN
R1	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R2	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R3	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R4	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R5	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R6	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R7	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R8	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R30	1-216-815-11	s METAL, CHIP 330 5% 1/16W
RV1	1-241-918-11	s RES, VAR, CARBON 5K
RV2	1-241-918-11	s RES, VAR, CARBON 5K
RV3	1-241-918-11	s RES, VAR, CARBON 5K
RV4	1-241-918-11	s RES, VAR, CARBON 5K
RV5	1-241-856-11	s RES, VAR, CARBON 5K
RV6	1-241-856-11	s RES, VAR, CARBON 5K
S1	1-570-145-11	s SWITCH, SLIDE
S2	1-570-145-11	s SWITCH, SLIDE
S3	1-570-145-11	s SWITCH, SLIDE
S4	1-572-374-11	s SWITCH, SLIDE
S5	1-572-374-11	s SWITCH, SLIDE
S6	1-572-374-11	s SWITCH, SLIDE
S7	1-570-145-11	s SWITCH, SLIDE
S8	1-692-077-11	s SWITCH, SLIDE
S9	1-572-374-11	s SWITCH, SLIDE
S10	1-570-145-11	s SWITCH, SLIDE
S11	1-572-374-11	s SWITCH, SLIDE
S12	1-570-145-11	s SWITCH, SLIDE
S13	1-570-145-11	s SWITCH, SLIDE

SW-540 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-871-12	o PRINTED CIRCUIT BOARD, SW-540
CN243	1-506-468-11	s CONNECTOR 3P, MALE
S1	1-516-961-00	s SWITCH, LEVER SLIDE

SW-543 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-872-11	o PRINTED CIRCUIT BOARD, SW-543
CN810	1-506-468-11	s CONNECTOR 3P, MALE
S1007	1-516-961-00	s SWITCH, LEVER SLIDE

TBC-21 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-229-A	o MOUNTED CIRCUIT BOARD, TBC-21
1pc	3-947-151-01	o PLATE, SHIELD, CARD
1pc	7-621-759-45	s SCREW +PSW 2.6X6
2pcs	2-251-622-11	s LEVER, PC BOARD
C1	1-126-176-11	s ELECT 220uF 20% 10V
C2	1-126-176-11	s ELECT 220uF 20% 10V
C3	1-126-176-11	s ELECT 220uF 20% 10V
C4	1-126-176-11	s ELECT 220uF 20% 10V
C5	1-124-477-11	s ELECT 47uF 20% 25V
C6	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C7	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C8	1-163-112-00	s CERAMIC, CHIP 62PF 5% 50V
C9	1-163-112-00	s CERAMIC, CHIP 62PF 5% 50V
C10	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C11	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C12	1-124-477-11	s ELECT 47uF 20% 25V
C13	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C14	1-124-477-11	s ELECT 47uF 20% 25V
C15	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C16	1-124-477-11	s ELECT 47uF 20% 25V
C17	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C18	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C19	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C20	1-124-907-11	s ELECT 10uF 20% 50V
C21	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C22	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C24	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C25	1-124-477-11	s ELECT 47uF 20% 25V
C27	1-124-477-11	s ELECT 47uF 20% 25V
C28	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C29	1-124-477-11	s ELECT 47uF 20% 25V
C30	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C31	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C32	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C33	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C34	1-126-103-11	s ELECT 470uF 20% 16V
C35	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C36	1-124-477-11	s ELECT 47uF 20% 25V
C37	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C38	1-128-057-11	s ELECT 330uF 20% 6.3V
C39	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C41	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C42	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C43	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C44	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C45	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C50	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C51	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C52	1-124-907-11	s ELECT 10uF 20% 50V
C55	1-124-477-11	s ELECT 47uF 20% 25V
C56	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C57	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C61	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C63	1-124-477-11	s ELECT 47uF 20% 25V
C65	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C66	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C67	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C68	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C69	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V

(TBC-21 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C70	1-128-057-11	s ELECT 330uF 20% 6.3V
C71	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C72	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C73	1-124-903-11	s ELECT 1uF 20% 50V
C74	1-124-907-11	s ELECT 10uF 20% 50V
C75	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C76	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C77	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C78	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C79	1-124-477-11	s ELECT 47uF 20% 25V
C80	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C81	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C82	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C83	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C84	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C85	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C86	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C87	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C88	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C89	1-124-477-11	s ELECT 47uF 20% 25V
C90	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C91	1-124-477-11	s ELECT 47uF 20% 25V
C92	1-124-477-11	s ELECT 47uF 20% 25V
C93	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C94	1-124-477-11	s ELECT 47uF 20% 25V
C95	1-126-103-11	s ELECT 470uF 20% 16V
C96	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C97	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C98	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C100	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C102	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C103	1-128-057-11	s ELECT 330uF 20% 6.3V
C104	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C105	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C107	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C108	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C402	1-124-477-11	s ELECT 47uF 20% 25V
C403	1-124-477-11	s ELECT 47uF 20% 25V
C404	1-124-477-11	s ELECT 47uF 20% 25V
C405	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C407	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C409	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C410	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C416	1-124-477-11	s ELECT 47uF 20% 25V
C417	1-124-126-00	s ELECT 47uF 20% 25V
C418	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C419	1-162-928-11	s CERAMIC, CHIP 120PF 5% 50V
C420	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C421	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C422	1-163-127-00	s CERAMIC, CHIP 270PF 5% 50V
C423	1-124-477-11	s ELECT 47uF 20% 25V
C424	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C425	1-124-477-11	s ELECT 47uF 20% 25V
C426	1-124-477-11	s ELECT 47uF 20% 25V
C427	1-124-477-11	s ELECT 47uF 20% 25V
C428	1-124-477-11	s ELECT 47uF 20% 25V
C429	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C430	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C431	1-135-092-21	s TANTALUM, CHIP 3.3uF 10% 16V

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Ref. No. or Q'ty	Part No.	SP Description
C432	1-164-245-11	s CERAMIC, CHIP 0.015uF 10% 25V
C436	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C440	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C441	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C442	1-124-443-00	s ELECT 100uF 20% 10V
C443	1-124-443-00	s ELECT 100uF 20% 10V
C444	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C445	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C446	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C447	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C448	1-126-233-11	s ELECT 22uF 20% 50V
C449	1-124-903-11	s ELECT 1uF 20% 50V
C450	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C451	1-124-477-11	s ELECT 47uF 20% 25V
C452	1-124-907-11	s ELECT 10uF 20% 50V
C453	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C454	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C455	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C456	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C457	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C458	1-162-967-11	s CERAMIC, CHIP 0.0033uF 10% 50V
C459	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C460	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C461	1-124-443-00	s ELECT 100uF 20% 10V
C462	1-123-382-00	s ELECT 3.3uF 20% 100V
C464	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C465	1-164-237-11	s CERAMIC, CHIP 16PF 5% 50V
C466	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C467	1-162-638-11	s CERAMIC, CHIP 1uF 16V
C468	1-162-638-11	s CERAMIC, CHIP 1uF 16V
C470	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C471	1-124-903-11	s ELECT 1uF 20% 50V
C472	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C473	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C474	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C475	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C476	1-163-127-00	s CERAMIC, CHIP 270PF 5% 50V
C477	1-162-966-11	s CERAMIC, CHIP 0.0022uF 10% 50V
C478	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C479	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C480	1-126-233-11	s ELECT 22uF 20% 50V
C481	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C482	1-126-233-11	s ELECT 22uF 20% 50V
C483	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C484	1-126-233-11	s ELECT 22uF 20% 50V
C486	1-126-233-11	s ELECT 22uF 20% 50V
C487	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C488	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C489	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C490	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C491	1-126-233-11	s ELECT 22uF 20% 50V
C492	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C493	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C494	1-124-443-00	s ELECT 100uF 20% 10V
C495	1-124-443-00	s ELECT 100uF 20% 10V
C496	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C497	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C498	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C499	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C500	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C501	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C502	1-124-443-00	s ELECT 100uF 20% 10V
C503	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C504	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C505	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C506	1-124-443-00	s ELECT 100uF 20% 10V
C507	1-124-443-00	s ELECT 100uF 20% 10V
C508	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C509	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C510	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C511	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C512	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C513	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C514	1-124-443-00	s ELECT 100uF 20% 10V
C515	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C516	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C517	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C519	1-124-126-00	s ELECT 47uF 20% 25V
C520	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C521	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C522	1-124-126-00	s ELECT 47uF 20% 25V
C523	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C524	1-124-126-00	s ELECT 47uF 20% 25V
C525	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C526	1-124-126-00	s ELECT 47uF 20% 25V
C527	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C528	1-124-477-11	s ELECT 47uF 20% 25V
C529	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C530	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C532	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C533	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C534	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C535	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C538	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C539	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C540	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C541	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C542	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C543	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C701	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C702	1-162-966-11	s CERAMIC, CHIP 0.0022uF 10% 50V
C703	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C704	1-124-477-11	s ELECT 47uF 20% 25V
C705	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C706	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C707	1-124-903-11	s ELECT 1uF 20% 50V
C708	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C709	1-124-477-11	s ELECT 47uF 20% 25V
C710	1-135-148-21	s TANTALUM 1.5uF 10% 16V
C711	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C712	1-124-907-11	s ELECT 10uF 20% 50V
C713	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C714	1-124-477-11	s ELECT 47uF 20% 25V
C715	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C716	1-124-477-11	s ELECT 47uF 20% 25V
C717	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C718	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C719	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C720	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C721	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C722	1-124-477-11	s ELECT 47uF 20% 25V
C723	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C724	1-124-477-11	s ELECT 47uF 20% 25V
C725	1-162-726-11	s CERAMIC 470PF 1% 50V
C726	1-162-777-11	s CERAMIC 0.01uF 5% 50V
CN611	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN612	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CV401	1-141-322-11	s CAP, VAR, TRIMMER 20PF
D2	8-719-800-76	s DIODE 1SS226
D3	8-719-018-78	s DIODE 02CZ3.9
D4	8-719-911-19	s DIODE 1SS119
D5	8-719-911-19	s DIODE 1SS119
D6	8-719-915-43	s DIODE, VARICAP FC54M
D401	8-719-940-45	s DIODE DWA010
D402	8-713-300-88	s DIODE 1T33C-01
D403	8-713-300-88	s DIODE 1T33C-01
D404	8-719-949-46	s DIODE 1T32
D405	8-719-025-23	s DIODE 02CZ3.0
D407	8-719-911-19	s DIODE 1SS119
D408	8-719-941-86	s DIODE DAN202U
D409	8-719-941-86	s DIODE DAN202U
D450	8-719-911-19	s DIODE 1SS119
D701	8-719-915-43	s DIODE, VARICAP FC54M
IC1	8-741-104-00	s IC BX1040
IC2	8-759-101-12	s IC UPC311G2
IC3	8-752-335-47	s IC CXD1216M
IC4	8-752-332-67	s IC CXD1217M
IC5	8-759-239-55	s IC TC74HC123AF
IC6	8-759-908-17	s IC TL082CPS
IC7	8-759-908-17	s IC TL082CPS
IC8	8-759-908-17	s IC TL082CPS
IC11	8-759-009-07	s IC MC14053BF
IC12	8-759-982-05	s IC RC7805FA
IC14	8-759-980-27	s IC SN74ALS163BNS
IC15	8-759-239-55	s IC TC74HC123AF
IC16	8-759-927-46	s IC SN74HC00NS
IC17	8-759-925-74	s IC TC74HC04NS
IC18	8-759-926-24	s IC SN74HC164NS
IC19	8-759-926-24	s IC SN74HC164NS
IC20	8-759-926-24	s IC SN74HC164NS
IC21	8-759-908-17	s IC TL082CPS
IC22	8-759-239-55	s IC TC74HC123AF
IC23	8-752-306-51	s IC CX23065A
IC28	8-759-926-24	s IC SN74HC164NS
IC29	8-759-926-24	s IC SN74HC164NS
IC30	8-759-926-24	s IC SN74HC164NS
IC31	8-759-239-55	s IC TC74HC123AF
IC401	8-759-982-05	s IC RC7805FA
IC402	8-759-239-55	s IC TC74HC123AF
IC403	8-752-334-55	s IC CXD1175M
IC404	8-752-334-55	s IC CXD1175M
IC405	8-759-925-76	s IC SN74HC08NS
IC406	8-759-987-17	s IC CXD1226Q
IC407	8-759-987-20	s IC CXD1229Q
IC408	8-759-982-05	s IC RC7805FA

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Ref. No. or Q'ty	Part No.	SP Description
IC409	8-759-925-85	s IC SN74HC32NS
IC410	8-759-926-29	s IC SN74HC175NS
IC411	8-759-927-46	s IC SN74HC00NS
IC412	8-759-009-51	s IC MC14538BF
IC413	8-759-925-90	s IC SN74HC74NS
IC414	8-759-710-86	s IC NJM2233BM-T1
IC415	8-752-340-75	s IC CXK1206AM
IC416	8-752-340-75	s IC CXK1206AM
IC417	8-752-340-75	s IC CXK1206AM
IC418	8-759-926-23	s IC SN74HC163NS
IC420	8-759-987-19	s IC CXD1228Q
IC421	8-759-987-18	s IC CXD1227Q
IC422	8-752-032-96	s IC CXA1106M
IC423	8-752-032-96	s IC CXA1106M
IC424	8-759-700-43	s IC NJM4558M
IC425	8-759-700-43	s IC NJM4558M
IC701	8-759-009-51	s IC MC14538BF
IC702	8-759-925-90	s IC SN74HC74NS
IC703	8-759-926-20	s IC SN74HC160NS
IC704	8-759-925-99	s IC SN74HC109NS
IC705	8-759-987-20	s IC CXD1229Q
IC706	8-759-908-17	s IC TL082CPS
IC707	8-759-925-90	s IC SN74HC74NS
IC708	8-759-239-55	s IC TC74HC123AF
IC709	8-759-927-46	s IC SN74HC00NS
L1	1-408-785-21	s INDUCTOR CHIP 47UH
L2	1-410-386-11	s INDUCTOR, CHIP 27uH
L3	1-410-386-11	s INDUCTOR, CHIP 27uH
L4	1-408-785-21	s INDUCTOR CHIP 47UH
L5	1-408-789-21	s INDUCTOR CHIP 100UH
L6	1-408-785-21	s INDUCTOR CHIP 47UH
L7	1-408-785-21	s INDUCTOR CHIP 47UH
L9	1-408-785-21	s INDUCTOR CHIP 47UH
L10	1-408-785-21	s INDUCTOR CHIP 47UH
L11	1-408-785-21	s INDUCTOR CHIP 47UH
L12	1-408-785-21	s INDUCTOR CHIP 47UH
L13	1-408-785-21	s INDUCTOR CHIP 47UH
L15	1-408-785-21	s INDUCTOR CHIP 47UH
L16	1-408-785-21	s INDUCTOR CHIP 47UH
L17	1-408-785-21	s INDUCTOR CHIP 47UH
L18	1-408-785-21	s INDUCTOR CHIP 47UH
L19	1-408-785-21	s INDUCTOR CHIP 47UH
L401	1-408-785-21	s INDUCTOR CHIP 47UH
L402	1-408-785-21	s INDUCTOR CHIP 47UH
L403	1-408-785-21	s INDUCTOR CHIP 47UH
L404	1-408-785-21	s INDUCTOR CHIP 47UH
L405	1-410-656-11	s INDUCTOR CHIP 150UH
L406	1-408-789-21	s INDUCTOR CHIP 100UH
L407	1-408-789-21	s INDUCTOR CHIP 100UH
L408	1-408-785-21	s INDUCTOR CHIP 47UH
L409	1-408-789-21	s INDUCTOR CHIP 100UH
L410	1-410-377-31	s INDUCTOR, CHIP 4.7uH
L411	1-408-785-21	s INDUCTOR CHIP 47UH
L412	1-408-785-21	s INDUCTOR CHIP 47UH
L413	1-408-785-21	s INDUCTOR CHIP 47UH
L414	1-408-785-21	s INDUCTOR CHIP 47UH
L415	1-408-785-21	s INDUCTOR CHIP 47UH
L416	1-408-789-21	s INDUCTOR CHIP 100UH
L417	1-408-789-21	s INDUCTOR CHIP 100UH

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Ref. No. or Q'ty	Part No.	SP Description
L418	1-408-789-21	s INDUCTOR CHIP 100UH
L419	1-408-789-21	s INDUCTOR CHIP 100UH
L421	1-408-785-21	s INDUCTOR CHIP 47UH
L422	1-410-388-21	s INDUCTOR, CHIP 39uH
L423	1-410-388-21	s INDUCTOR, CHIP 39uH
L424	1-410-369-11	s INDUCTOR CHIP 1UH
L701	1-408-789-21	s INDUCTOR CHIP 100UH
L702	1-408-785-21	s INDUCTOR CHIP 47UH
L703	1-408-785-21	s INDUCTOR CHIP 47UH
L704	1-408-785-21	s INDUCTOR CHIP 47UH
LV3	1-408-510-00	s COIL VAR, 2.2uH
LV701	1-408-510-00	s COIL VAR, 2.2uH
Q1	8-729-100-66	s TRANSISTOR 2SC1623
Q2	8-729-100-66	s TRANSISTOR 2SC1623
Q3	8-729-100-66	s TRANSISTOR 2SC1623
Q4	8-729-109-41	s TRANSISTOR 2SK94-X1
Q5	8-729-209-07	s TRANSISTOR 2SC4213-B
Q6	8-729-109-41	s TRANSISTOR 2SK94-X1
Q8	8-729-109-41	s TRANSISTOR 2SK94-X1
Q9	8-729-905-18	s TRANSISTOR DTC144EU
Q11	8-729-109-41	s TRANSISTOR 2SK94-X1
Q12	8-729-117-32	s TRANSISTOR 2SC4177
Q13	8-729-117-32	s TRANSISTOR 2SC4177
Q14	8-729-117-32	s TRANSISTOR 2SC4177
Q401	8-729-100-66	s TRANSISTOR 2SC1623
Q402	8-729-100-66	s TRANSISTOR 2SC1623
Q403	8-729-100-66	s TRANSISTOR 2SC1623
Q404	8-729-100-66	s TRANSISTOR 2SC1623
Q405	8-729-100-66	s TRANSISTOR 2SC1623
Q406	8-729-100-66	s TRANSISTOR 2SC1623
Q407	8-729-100-66	s TRANSISTOR 2SC1623
Q408	8-729-100-66	s TRANSISTOR 2SC1623
Q409	8-729-216-22	s TRANSISTOR 2SA1162
Q411	8-729-100-66	s TRANSISTOR 2SC1623
Q412	8-729-100-66	s TRANSISTOR 2SC1623
Q413	8-729-100-66	s TRANSISTOR 2SC1623
Q414	8-729-905-18	s TRANSISTOR DTC144EU
Q415	8-729-905-18	s TRANSISTOR DTC144EU
Q416	8-729-100-66	s TRANSISTOR 2SC1623
Q417	8-729-100-66	s TRANSISTOR 2SC1623
Q418	8-729-100-66	s TRANSISTOR 2SC1623
Q419	8-729-100-66	s TRANSISTOR 2SC1623
Q420	8-729-100-66	s TRANSISTOR 2SC1623
Q421	8-729-100-66	s TRANSISTOR 2SC1623
Q422	8-729-100-66	s TRANSISTOR 2SC1623
Q423	8-729-100-66	s TRANSISTOR 2SC1623
Q424	8-729-100-66	s TRANSISTOR 2SC1623
Q425	8-729-209-07	s TRANSISTOR 2SC4213-B
Q426	8-729-209-07	s TRANSISTOR 2SC4213-B
Q427	8-729-905-18	s TRANSISTOR DTC144EU
Q428	8-729-905-18	s TRANSISTOR DTC144EU
Q701	8-729-117-32	s TRANSISTOR 2SC4177
Q702	8-729-117-32	s TRANSISTOR 2SC4177
Q703	8-729-117-32	s TRANSISTOR 2SC4177
R1	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R2	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R3	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R4	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R5	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R6	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R7	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R8	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R9	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R10	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R11	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R12	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R13	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R15	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R17	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R18	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R19	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R20	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R22	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R27	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R29	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R31	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R32	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R33	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R34	1-218-714-11	s METAL, CHIP 8.2K 0.50% 1/16W
R35	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R36	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R37	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R39	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R40	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R42	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R43	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R44	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R45	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R48	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R49	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R50	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R51	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R53	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R54	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R55	1-218-714-11	s METAL, CHIP 8.2K 0.50% 1/16W
R56	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R57	1-218-714-11	s METAL, CHIP 8.2K 0.50% 1/16W
R58	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R64	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R65	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R66	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R67	1-216-795-11	s METAL, CHIP 6.8K 0.50% 1/16W
R68	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R69	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R70	1-218-883-11	s METAL, CHIP 33K 0.50 1/16W
R71	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R72	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R73	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R74	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R75	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R77	1-216-865-11	s METAL, CHIP 3K 5% 1/16W
R79	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R80	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R81	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R82	1-218-706-11	s METAL, CHIP 3.9K 0.50% 1/16W
R83	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R84	1-216-841-11	s METAL, CHIP 47K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R85	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R87	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R88	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R89	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R90	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R91	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R92	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R93	1-218-680-11	s METAL, CHIP 330 0.50% 1/16W
R94	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R95	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R96	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R97	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R98	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R99	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R100	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R102	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R103	1-218-714-11	s METAL, CHIP 8.2K 0.50% 1/16W
R104	1-218-714-11	s METAL, CHIP 8.2K 0.50% 1/16W
R105	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R107	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R108	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R109	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R110	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R116	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R119	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R120	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R121	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R122	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R123	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R136	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R143	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R401	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R402	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R403	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R404	1-216-814-11	s METAL, CHIP 270 5% 1/16W
R405	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R406	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R407	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R408	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R409	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R410	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R411	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R412	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R413	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R414	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R415	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R416	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R417	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R418	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R419	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R420	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R421	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R422	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R423	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R424	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R425	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R426	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R427	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R428	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R429	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R430	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R431	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R432	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R433	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R434	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R436	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R437	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R438	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R439	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R440	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R441	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R442	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R443	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R445	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R446	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R448	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R449	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R450	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R451	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R452	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R453	1-216-806-11	s METAL, CHIP 56 5% 1/16W
R454	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R455	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R456	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R457	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R458	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R459	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R460	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R461	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R462	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R463	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R464	1-216-856-11	s METAL, CHIP 820K 5% 1/16W
R465	1-216-852-11	s METAL, CHIP 390K 5% 1/16W
R466	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R467	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R468	1-216-856-11	s METAL, CHIP 820K 5% 1/16W
R469	1-216-852-11	s METAL, CHIP 390K 5% 1/16W
R470	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R471	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R472	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R473	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R474	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R475	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R476	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R477	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R478	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R479	1-216-811-11	s METAL, CHIP 150 5% 1/16W
R480	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R481	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R482	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R483	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R484	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R485	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R486	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R487	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R488	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R489	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R490	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W

EVO-9850(UC)

(TBC-21 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R491	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R492	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R493	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R494	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R495	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R496	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R498	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R500	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R502	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R504	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R506	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R507	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R509	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R510	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R511	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R512	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R514	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R516	1-218-484-11	s METAL, CHIP 750 5% 1/16W
R517	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R518	1-218-484-11	s METAL, CHIP 750 5% 1/16W
R519	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R520	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R521	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R522	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R523	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R524	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R525	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R526	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R527	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R528	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R529	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R534	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R535	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R536	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R537	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R538	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R539	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R540	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R541	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R542	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R543	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R544	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R545	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R546	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R547	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R548	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R549	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R550	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R551	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R552	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R553	1-218-716-11	s METAL, CHIP 10K 0.50% 1/16W
R554	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R555	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R556	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R557	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R558	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R560	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R561	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R562	1-216-837-11	s METAL, CHIP 22K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R563	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R564	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R565	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R566	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R567	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R568	1-218-675-11	s METAL, CHIP 200 0.50% 1/16W
R569	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R570	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R571	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R574	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R576	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R577	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R578	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R579	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R580	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R581	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R585	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R586	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R587	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R588	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R589	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R590	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R591	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R592	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R596	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R597	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R598	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R599	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R701	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R702	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R703	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R704	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R705	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R706	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R707	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R708	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R709	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R710	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R711	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R712	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R713	1-216-806-11	s METAL, CHIP 56 5% 1/16W
R714	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R715	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R716	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R717	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R719	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R720	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R721	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R722	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R723	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R724	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R725	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R727	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R728	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R729	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R730	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R731	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R732	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R733	1-216-815-11	s METAL, CHIP 330 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R734	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R735	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R736	1-218-732-11	s METAL, CHIP 47K 0.50% 1/16W
R737	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R738	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R912	1-216-864-11	s METAL, CHIP 0 5% 1/16W
RV1	1-238-801-11	s RES, ADJ METAL 5K
RV2	1-238-802-11	s RES, ADJ METAL 10K
RV3	1-238-783-11	s RES, ADJ, CERMET 500
RV4	1-238-801-11	s RES, ADJ METAL 5K
RV401	1-238-798-11	s RES, ADJ METAL 500
RV402	1-238-799-11	s RES, ADJ METAL 1K
RV403	1-238-802-11	s RES, ADJ METAL 10K
RV701	1-238-800-11	s RES, ADJ METAL 2K
RV702	1-238-802-11	s RES, ADJ METAL 10K
X1	1-577-089-11	s VCO, CRYSTAL 14.318180MHz
X2	1-577-089-11	s VCO, CRYSTAL 14.318180MHz
X3	1-527-227-00	s CRYSTAL 14.31818MHz
X401	1-527-722-00	s CRYSTAL 14.31818MHz
X701	1-527-227-00	s CRYSTAL 14.31818MHz

TR-72 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8262-577A	s SENSOR ASSY

TS-74L BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7070-628-A	o MOUNTED CIRCUIT BOARD, TS-74 (LEFT)
Q715	8-729-700-11	s NJL7141E-N

TS-74R BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7070-627-A	o MOUNTED CIRCUIT BOARD, TS-74 (RIGHT)
Q715	8-729-700-11	s NJL7141E-N

VA-111 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-228-A	o MOUNTED CIRCUIT BOARD, VA-111
2pcs	2-251-622-11	s LEVER, PC BOARD
C101	1-126-101-11	s ELECT 100uF 20% 16V
C102	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C103	1-124-477-11	s ELECT 47uF 20% 25V
C104	1-124-477-11	s ELECT 47uF 20% 25V
C105	1-124-477-11	s ELECT 47uF 20% 25V
C106	1-163-124-00	s CERAMIC, CHIP 200PF 5% 50V
C107	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C108	1-124-477-11	s ELECT 47uF 20% 25V
C109	1-124-907-11	s ELECT 10uF 20% 50V
C110	1-124-907-11	s ELECT 10uF 20% 50V
C111	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C112	1-124-907-11	s ELECT 10uF 20% 50V
C113	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C114	1-124-907-11	s ELECT 10uF 20% 50V
C115	1-124-907-11	s ELECT 10uF 20% 50V
C116	1-124-907-11	s ELECT 10uF 20% 50V
C117	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C118	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C119	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C120	1-124-443-00	s ELECT 100uF 20% 10V
C121	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C122	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C123	1-124-477-11	s ELECT 47uF 20% 25V
C124	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C125	1-124-477-11	s ELECT 47uF 20% 25V
C126	1-124-477-11	s ELECT 47uF 20% 25V
C127	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C128	1-124-477-11	s ELECT 47uF 20% 25V
C129	1-124-477-11	s ELECT 47uF 20% 25V
C130	1-126-233-11	s ELECT 22uF 20% 50V
C131	1-128-057-11	s ELECT 330uF 20% 6.3V
C132	1-128-057-11	s ELECT 330uF 20% 6.3V
C133	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C134	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C135	1-126-101-11	s ELECT 100uF 20% 16V
C136	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C137	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C138	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C139	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C145	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C146	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C147	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C148	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C149	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C150	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C151	1-124-477-11	s ELECT 47uF 20% 25V
C152	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C153	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C154	1-126-233-11	s ELECT 22uF 20% 50V
C155	1-126-233-11	s ELECT 22uF 20% 50V
C156	1-128-057-11	s ELECT 330uF 20% 6.3V
C157	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C158	1-128-057-11	s ELECT 330uF 20% 6.3V
C159	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C160	1-124-477-11	s ELECT 47uF 20% 25V
C161	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V

(VA-111 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C162	1-124-477-11	s ELECT 47uF 20% 25V
C163	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C165	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C166	1-163-124-00	s CERAMIC, CHIP 200PF 5% 50V
C167	1-164-217-11	s CERAMIC, CHIP 150PF 5% 50V
C168	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C169	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C170	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C171	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C172	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C173	1-124-907-11	s ELECT 10uF 20% 50V
C174	1-124-907-11	s ELECT 10uF 20% 50V
C175	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C176	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C177	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C178	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C179	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C180	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C181	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C182	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C183	1-126-101-11	s ELECT 100uF 20% 16V
C184	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C185	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C186	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C187	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C189	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C190	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C191	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C192	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C193	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C194	1-126-101-11	s ELECT 100uF 20% 16V
C195	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C196	1-126-101-11	s ELECT 100uF 20% 16V
C197	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C198	1-124-477-11	s ELECT 47uF 20% 25V
C199	1-124-907-11	s ELECT 10uF 20% 50V
C200	1-124-477-11	s ELECT 47uF 20% 25V
C201	1-124-443-00	s ELECT 100uF 20% 10V
C202	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C203	1-124-907-11	s ELECT 10uF 20% 50V
C204	1-124-907-11	s ELECT 10uF 20% 50V
C205	1-126-101-11	s ELECT 100uF 20% 16V
C206	1-126-101-11	s ELECT 100uF 20% 16V
C207	1-124-477-11	s ELECT 47uF 20% 25V
C208	1-126-101-11	s ELECT 100uF 20% 16V
C209	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C210	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C211	1-124-477-11	s ELECT 47uF 20% 25V
C212	1-124-477-11	s ELECT 47uF 20% 25V
C213	1-124-477-11	s ELECT 47uF 20% 25V
C214	1-126-233-11	s ELECT 22uF 20% 50V
C215	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C216	1-128-057-11	s ELECT 330uF 20% 6.3V
C217	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C218	1-128-057-11	s ELECT 330uF 20% 6.3V
C219	1-124-477-11	s ELECT 47uF 20% 25V
C220	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C221	1-126-101-11	s ELECT 100uF 20% 16V
C222	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C223	1-164-222-11	s CERAMIC 0.22uF 25V
C224	1-124-477-11	s ELECT 47uF 20% 25V
C225	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C226	1-124-477-11	s ELECT 47uF 20% 25V
C227	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C228	1-124-477-11	s ELECT 47uF 20% 25V
C229	1-126-101-11	s ELECT 100uF 20% 16V
C230	1-124-477-11	s ELECT 47uF 20% 25V
C231	1-126-233-11	s ELECT 22uF 20% 50V
C232	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C233	1-128-057-11	s ELECT 330uF 20% 6.3V
C234	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C235	1-128-057-11	s ELECT 330uF 20% 6.3V
C236	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C237	1-124-477-11	s ELECT 47uF 20% 25V
C238	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C239	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C240	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C250	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C251	1-124-477-11	s ELECT 47uF 20% 25V
C252	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C253	1-124-477-11	s ELECT 47uF 20% 25V
C254	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C256	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C258	1-164-160-11	s CERAMIC, CHIP 20PF 5% 50V
C259	1-164-160-11	s CERAMIC, CHIP 20PF 5% 50V
C260	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C261	1-126-101-11	s ELECT 100uF 20% 16V
C262	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C263	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C264	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C265	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C266	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C267	1-126-101-11	s ELECT 100uF 20% 16V
C268	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C269	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C270	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C271	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C801	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C802	1-135-125-21	s TANTALUM, CHIP 33uF 20% 10V
C803	1-135-125-21	s TANTALUM, CHIP 33uF 20% 10V
C804	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C805	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C806	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C807	1-126-101-11	s ELECT 100uF 20% 16V
C808	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C809	1-126-101-11	s ELECT 100uF 20% 16V
C810	1-124-126-00	s ELECT 47uF 20% 25V
C811	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C812	1-135-125-21	s TANTALUM, CHIP 33uF 20% 10V
C813	1-124-443-00	s ELECT 100uF 20% 10V
C814	1-124-443-00	s ELECT 100uF 20% 10V
C815	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C816	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C817	1-124-443-00	s ELECT 100uF 20% 10V
C818	1-124-443-00	s ELECT 100uF 20% 10V
C819	1-124-443-00	s ELECT 100uF 20% 10V
C820	1-162-924-11	s CERAMIC 56PF 5% 50V
C821	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C822	1-124-477-11	s ELECT 47uF 20% 25V
C823	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C824	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C825	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C826	1-164-160-11	s CERAMIC, CHIP 20PF 5% 50V
C827	1-164-218-11	s CERAMIC, CHIP 180PF 50V
C828	1-124-126-00	s ELECT 47uF 20% 25V
C829	1-124-126-00	s ELECT 47uF 20% 25V
C830	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C831	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C832	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C833	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C834	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C835	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C836	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C837	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C838	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C839	1-124-443-00	s ELECT 100uF 20% 10V
C840	1-124-443-00	s ELECT 100uF 20% 10V
C841	1-162-924-11	s CERAMIC 56PF 5% 50V
C844	1-124-477-11	s ELECT 47uF 20% 25V
C845	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C846	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C847	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C848	1-124-477-11	s ELECT 47uF 20% 25V
C849	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C850	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C851	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C852	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C853	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C854	1-162-924-11	s CERAMIC 56PF 5% 50V
C855	1-162-924-11	s CERAMIC 56PF 5% 50V
C856	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C857	1-124-477-11	s ELECT 47uF 20% 25V
C859	1-124-477-11	s ELECT 47uF 20% 25V
C860	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C861	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C862	1-162-922-11	s CERAMIC, CHIP 39PF 5% 50V
C863	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C864	1-124-477-11	s ELECT 47uF 20% 25V
C865	1-164-227-11	s CERAMIC, CHIP 0.022uF 10% 25V
C866	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
CN609	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN610	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CV101	1-141-322-11	s CAP, VAR, TRIMMER 20PF
D101	8-719-104-10	s DIODE 1SS99
D102	8-719-104-10	s DIODE 1SS99
D103	8-719-104-10	s DIODE 1SS99
D104	8-719-104-10	s DIODE 1SS99
D105	8-719-104-10	s DIODE 1SS99
D106	8-719-104-10	s DIODE 1SS99
D107	8-719-941-86	s DIODE DAN202U
D108	8-719-941-86	s DIODE DAN202U
D109	8-719-941-86	s DIODE DAN202U
D110	8-719-911-19	s DIODE 1SS119
D801	8-719-941-86	s DIODE DAN202U
D802	8-719-800-76	s DIODE 1SS226

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Ref. No. or Q'ty	Part No.	SP Description
D803	8-719-941-86	s DIODE DAN202U
DL101	1-415-402-11	s DELAY LINE 300nS
DL103	1-415-402-11	s DELAY LINE 300nS
FL101	1-235-474-11	s FILTER, LOW-PASS
FL102	1-236-040-11	s FILTER, LOW-PASS
FL103	1-235-474-11	s FILTER, LOW-PASS
FL104	1-409-410-11	s FILTER, TRAP 4.4MHz
FL801	1-235-759-11	s FILTER, LOW-PASS
FL802	1-235-161-00	s FILTER, BANDPASS 3.58MHz
IC101	8-759-710-86	s IC NJM2233BM-T1
IC102	8-759-925-60	s IC BA401
IC103	8-759-925-60	s IC BA401
IC104	8-752-015-81	s IC CX20158
IC105	8-759-710-86	s IC NJM2233BM-T1
IC106	8-759-925-60	s IC BA401
IC107	8-752-015-81	s IC CX20158
IC108	8-752-015-81	s IC CX20158
IC109	8-759-111-69	s IC UPC1037HA
IC110	8-759-710-86	s IC NJM2233BM-T1
IC111	8-759-925-60	s IC BA401
IC112	8-752-015-81	s IC CX20158
IC113	8-759-009-07	s IC MC14053BF
IC114	8-752-015-81	s IC CX20158
IC115	8-759-201-47	s IC TA7357AP
IC116	8-759-710-86	s IC NJM2233BM-T1
IC117	8-759-927-46	s IC SN74HC00NS
IC801	8-759-014-29	s IC MC34184M
IC802	8-759-908-17	s IC TL082CPS
IC803	8-759-947-82	s IC TL610CPS
IC804	8-752-015-81	s IC CX20158
IC805	8-759-239-55	s IC TC74HC123AF
IC806	8-759-937-61	s IC S-81230AG
IC807	8-759-941-79	s IC S-80230AG
IC808	8-759-925-74	s IC TC74HC04NS
IC809	8-759-030-55	s IC MC1496M
L101	1-408-785-21	s INDUCTOR CHIP 47UH
L102	1-410-087-31	s INDUCTOR 10mH
L103	1-408-785-21	s INDUCTOR CHIP 47UH
L104	1-408-785-21	s INDUCTOR CHIP 47UH
L107	1-408-785-21	s INDUCTOR CHIP 47UH
L108	1-410-656-11	s INDUCTOR CHIP 150UH
L109	1-408-785-21	s INDUCTOR CHIP 47UH
L110	1-408-785-21	s INDUCTOR CHIP 47UH
L111	1-408-785-21	s INDUCTOR CHIP 47UH
L112	1-408-785-21	s INDUCTOR CHIP 47UH
L113	1-410-388-21	s INDUCTOR, CHIP 39uH
L114	1-410-391-11	s INDUCTOR, CHIP 68uH
L115	1-410-387-11	s INDUCTOR, CHIP 33uH
L118	1-408-785-21	s INDUCTOR CHIP 47UH
L119	1-408-785-21	s INDUCTOR CHIP 47UH
L120	1-410-390-11	s INDUCTOR, CHIP 56uH
L121	1-410-655-31	s INDUCTOR, CHIP 120uH
L122	1-410-087-31	s INDUCTOR 10mH
L123	1-408-785-21	s INDUCTOR CHIP 47UH
L124	1-408-785-21	s INDUCTOR CHIP 47UH
L125	1-408-785-21	s INDUCTOR CHIP 47UH

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Ref. No. or Q'ty	Part No.	SP Description
L126	1-408-785-21	s INDUCTOR CHIP 47UH
L127	1-410-393-11	s INDUCTOR CHIP 100UH
L128	1-408-785-21	s INDUCTOR CHIP 47UH
L129	1-408-785-21	s INDUCTOR CHIP 47UH
L130	1-410-392-11	s INDUCTOR, CHIP 82uH
L131	1-412-282-41	s INDUCTOR, CHIP 470UH
L132	1-408-785-21	s INDUCTOR CHIP 47UH
L133	1-408-785-21	s INDUCTOR CHIP 47UH
L134	1-408-785-21	s INDUCTOR CHIP 47UH
L135	1-410-381-11	s INDUCTOR CHIP 10UH
L136	1-408-785-21	s INDUCTOR CHIP 47UH
L140	1-408-785-21	s INDUCTOR CHIP 47UH
L141	1-410-381-11	s INDUCTOR CHIP 10UH
L142	1-408-785-21	s INDUCTOR CHIP 47UH
L506	1-408-785-21	s INDUCTOR CHIP 47UH
L801	1-410-381-11	s INDUCTOR CHIP 10UH
L802	1-408-785-21	s INDUCTOR CHIP 47UH
L803	1-408-785-21	s INDUCTOR CHIP 47UH
L804	1-408-785-21	s INDUCTOR CHIP 47UH
L805	1-408-785-21	s INDUCTOR CHIP 47UH
L806	1-410-380-31	s INDUCTOR, CHIP 8.2uH
L807	1-408-785-21	s INDUCTOR CHIP 47UH
L808	1-410-380-31	s INDUCTOR, CHIP 8.2uH
L809	1-408-785-21	s INDUCTOR CHIP 47UH
L810	1-408-785-21	s INDUCTOR CHIP 47UH
L811	1-408-785-21	s INDUCTOR CHIP 47UH
L812	1-410-391-11	s INDUCTOR, CHIP 68uH
L813	1-410-386-11	s INDUCTOR, CHIP 27uH
L814	1-410-392-11	s INDUCTOR, CHIP 82uH
L815	1-408-785-21	s INDUCTOR CHIP 47UH
L816	1-408-785-21	s INDUCTOR CHIP 47UH
L817	1-410-381-11	s INDUCTOR CHIP 10UH
L818	1-410-393-11	s INDUCTOR CHIP 100UH
Q101	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q102	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q103	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q104	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q105	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q106	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q107	8-729-905-18	s TRANSISTOR DTC144EU
Q108	8-729-905-18	s TRANSISTOR DTC144EU
Q109	8-729-905-18	s TRANSISTOR DTC144EU
Q110	8-729-905-18	s TRANSISTOR DTC144EU
Q111	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q112	8-729-905-18	s TRANSISTOR DTC144EU
Q113	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q114	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q115	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q116	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q117	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q118	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q119	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q120	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q121	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q122	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q123	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q124	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q125	8-729-120-28	s TRANSISTOR 2SC1623-L5L6

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Ref. No. or Q'ty	Part No.	SP Description
Q126	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q127	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q129	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q130	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q131	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q132	8-729-905-23	s TRANSISTOR 2SA1576-R
Q133	8-729-905-23	s TRANSISTOR 2SA1576-R
Q134	8-729-905-23	s TRANSISTOR 2SA1576-R
Q135	8-729-905-23	s TRANSISTOR 2SA1576-R
Q136	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q137	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q138	8-729-905-23	s TRANSISTOR 2SA1576-R
Q139	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q140	8-729-905-23	s TRANSISTOR 2SA1576-R
Q141	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q142	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q143	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q144	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q145	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q146	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q147	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q148	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q149	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q151	8-729-905-23	s TRANSISTOR 2SA1576-R
Q152	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q153	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q154	8-729-905-23	s TRANSISTOR 2SA1576-R
Q155	8-729-905-23	s TRANSISTOR 2SA1576-R
Q156	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q157	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q158	8-729-905-23	s TRANSISTOR 2SA1576-R
Q159	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q160	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q161	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q162	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q171	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q172	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q173	8-729-905-18	s TRANSISTOR DTC144EU
Q174	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q175	8-729-119-77	s TRANSISTOR 2SA1175-FEK
Q176	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q177	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q178	8-729-905-18	s TRANSISTOR DTC144EU
Q179	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q180	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q801	8-729-100-66	s TRANSISTOR 2SC1623
Q802	8-729-201-27	s TRANSISTOR 2SC2715-Y
Q803	8-729-201-27	s TRANSISTOR 2SC2715-Y
Q804	8-729-201-27	s TRANSISTOR 2SC2715-Y
Q805	8-729-100-66	s TRANSISTOR 2SC1623
Q806	8-729-100-66	s TRANSISTOR 2SC1623
Q807	8-729-201-27	s TRANSISTOR 2SC2715-Y
Q808	8-729-100-66	s TRANSISTOR 2SC1623
Q809	8-729-100-66	s TRANSISTOR 2SC1623
Q810	8-729-122-63	s TRANSISTOR 2SA1226
Q811	8-729-201-27	s TRANSISTOR 2SC2715-Y
Q812	8-729-100-66	s TRANSISTOR 2SC1623
Q813	8-729-201-27	s TRANSISTOR 2SC2715-Y
Q814	8-729-100-66	s TRANSISTOR 2SC1623

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Ref. No. or Q'ty	Part No.	SP Description
Q815	8-729-201-27	s TRANSISTOR 2SC2715-Y
Q816	8-729-100-66	s TRANSISTOR 2SC1623
Q817	8-729-216-22	s TRANSISTOR 2SA1162
Q818	8-729-100-66	s TRANSISTOR 2SC1623
Q819	8-729-100-66	s TRANSISTOR 2SC1623
Q820	8-729-905-18	s TRANSISTOR DTC144EU
Q821	8-729-905-18	s TRANSISTOR DTC144EU
R101	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R103	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R104	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R105	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R107	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R108	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R109	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R110	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R111	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R112	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R113	1-216-802-11	s METAL, CHIP 27 5% 1/16W
R114	1-218-680-11	s METAL, CHIP 330 0.50% 1/16W
R115	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R116	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R117	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R118	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R119	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R120	1-218-680-11	s METAL, CHIP 330 0.50% 1/16W
R121	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R122	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R123	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R124	1-218-828-11	s METAL, CHIP 160 0.50% 1/16W
R125	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R126	1-218-736-11	s METAL, CHIP 68K 0.50% 1/16W
R127	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R128	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R129	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R130	1-218-271-11	s METAL, CHIP 2K 5% 1/16W
R131	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R132	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R133	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R134	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R135	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R136	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R137	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R138	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R139	1-218-720-11	s METAL, CHIP 15K 0.50% 1/16W
R140	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R141	1-218-295-11	s METAL, CHIP 4.3K 5% 1/16W
R142	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R143	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R144	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R145	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R146	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R147	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R148	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R149	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R150	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R151	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R152	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R153	1-216-809-11	s METAL, CHIP 100 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R155	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R156	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R158	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R159	1-216-832-11	s METAL, CHIP 8.2K 5% 1/16W
R160	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R161	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R162	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R164	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R167	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R168	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R169	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R170	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R171	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R172	1-216-865-11	s METAL, CHIP 3K 5% 1/16W
R173	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R174	1-218-688-11	s METAL, CHIP 680 0.50% 1/16W
R175	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R176	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R177	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R178	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R179	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R180	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R181	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R182	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R183	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R185	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R186	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R187	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R188	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R189	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R190	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R192	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R193	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R194	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R195	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R196	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R197	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R198	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R199	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R200	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R201	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R202	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R203	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R204	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R205	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R206	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R207	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R208	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R209	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R210	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R211	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R212	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R213	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R214	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R215	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R216	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R217	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R218	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R219	1-216-840-11	s METAL, CHIP 39K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R220	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R225	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R226	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R227	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R228	1-216-801-11	s METAL, CHIP 22 5% 1/16W
R229	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R230	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R231	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R232	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R233	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R234	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R235	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R236	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R237	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R238	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R239	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R240	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R241	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R242	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R243	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R244	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R245	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R246	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R247	1-216-820-11	s METAL, CHIP 820 5% 1/16W
R248	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R249	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R250	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R251	1-218-289-11	s METAL, CHIP 510 5% 1/16W
R252	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R253	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R254	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R255	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R256	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R257	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R258	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R259	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R260	1-218-288-11	s METAL, CHIP 300 5% 1/16W
R261	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R262	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R263	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R264	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R265	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R266	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R267	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R268	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R269	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R270	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R271	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R272	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R273	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R274	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R275	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R276	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R277	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R278	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R279	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R280	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R281	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R282	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R283	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R284	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R286	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R287	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R288	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R289	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R292	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R293	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R294	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R295	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R296	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R297	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R298	1-220-373-11	s METAL, CHIP 62K 0.50% 1/16W
R299	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R300	1-216-810-11	s METAL, CHIP 120 5% 1/16W
R301	1-216-810-11	s METAL, CHIP 120 5% 1/16W
R302	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R303	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R304	1-216-828-11	s METAL, CHIP 3.9K 5% 1/16W
R305	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R306	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R307	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R308	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R309	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R310	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R311	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R312	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R313	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R314	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R315	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R316	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R317	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R318	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R319	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R320	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R321	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R322	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R323	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R324	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R325	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R326	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R327	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R328	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R329	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R331	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R332	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R333	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R334	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R335	1-216-847-11	s METAL, CHIP 150K 5% 1/16W
R336	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R337	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R338	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R340	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R341	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R342	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R350	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R351	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R355	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R356	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R357	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R358	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R359	1-214-838-00	s METAL, CHIP 82 1% 1/2W
R360	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R361	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R362	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R363	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R364	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R365	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R366	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R367	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R368	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R369	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R370	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R371	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R372	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R373	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R374	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R375	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R376	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R377	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R378	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R379	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R380	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R382	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R383	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R384	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R385	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R386	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R387	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R388	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R389	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R390	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R801	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R802	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R803	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R804	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R805	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R806	1-218-484-11	s METAL, CHIP 750 5% 1/16W
R807	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R808	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R809	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R810	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R811	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R812	1-216-795-11	s METAL, CHIP 6.8K 0.50% 1/16W
R813	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R814	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R815	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R816	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R817	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R818	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R819	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R820	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R821	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R822	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R823	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R824	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R825	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R826	1-216-809-11	s METAL, CHIP 100 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R827	1-218-285-11	s METAL, CHIP 75 5% 1/16W
R828	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R829	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R830	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R831	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R832	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R833	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R834	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R835	1-218-697-11	s METAL, CHIP 1.6K 0.50% 1/16W
R836	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R837	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R838	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R839	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R840	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R841	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R842	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R843	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R844	1-218-714-11	s METAL, CHIP 8.2K 0.50% 1/16W
R845	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R846	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R847	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R848	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R849	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R850	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R851	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R852	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R853	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R854	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R855	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R856	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R858	1-218-482-11	s METAL, CHIP 430 5% 1/16W
R860	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R861	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R862	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R863	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R864	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R865	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R866	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R867	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R868	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R869	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R870	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R871	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R872	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R873	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R874	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R875	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R876	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R877	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R878	1-216-795-11	s METAL, CHIP 6.8K 0.50% 1/16W
R879	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R880	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R881	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R882	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R883	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R884	1-218-677-11	s METAL, CHIP 240 0.50% 1/16W
R885	1-218-345-11	s METAL, CHIP 9.1K 5% 1/16W
R886	1-218-457-11	s METAL, CHIP 910 5% 1/16W
R887	1-216-820-11	s METAL, CHIP 820 5% 1/16W

(VA-111 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R888	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R889	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R890	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R891	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R892	1-216-816-11	s METAL, CHIP 390 5% 1/16W
R893	1-218-661-11	s METAL, CHIP 51 0.50% 1/16W
R894	1-218-661-11	s METAL, CHIP 51 0.50% 1/16W
R895	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R896	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R897	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R898	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R899	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R900	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R901	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R902	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R903	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R904	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
RV101	1-238-799-11	s RES, ADJ METAL 1K
RV102	1-238-799-11	s RES, ADJ METAL 1K
RV103	1-238-799-11	s RES, ADJ METAL 1K
RV104	1-238-800-11	s RES, ADJ METAL 2K
RV105	1-238-799-11	s RES, ADJ METAL 1K
RV106	1-238-799-11	s RES, ADJ METAL 1K
RV107	1-238-798-11	s RES, ADJ METAL 500
RV108	1-238-799-11	s RES, ADJ METAL 1K
RV109	1-238-799-11	s RES, ADJ METAL 1K
RV110	1-238-801-11	s RES, ADJ METAL 5K
RV111	1-238-799-11	s RES, ADJ METAL 1K
RV802	1-238-802-11	s RES, ADJ METAL 10K
RV803	1-238-798-11	s RES, ADJ METAL 500
RV805	1-238-802-11	s RES, ADJ METAL 10K
RV806	1-238-798-11	s RES, ADJ METAL 500
RV807	1-238-797-11	s RES, ADJ METAL 200
RV808	1-238-797-11	s RES, ADJ METAL 200
S101	1-570-622-11	s SWITCH, DIP 7-CKT
S102	1-570-622-11	s SWITCH, DIP 7-CKT
X101	1-527-377-00	s CRYSTAL 4.267919MHz

VR-122 BOARD

Ref. No. or Q'ty	Part No.	SP Description
A1	1-705-249-12	u PC BOARD, ZZ-306 COMBINED
1pc	1-642-873-11	o PRINTED CIRCUIT BOARD, VR-122
CN245	1-506-477-11	s CONNECTOR 12P, MALE
RV1	1-237-790-21	s RES, VAR CARBON 10K
RV2	1-237-790-21	s RES, VAR CARBON 10K
RV3	1-237-790-21	s RES, VAR CARBON 10K
RV4	1-237-790-21	s RES, VAR CARBON 10K

VR-130 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-642-874-11	o PRINTED CIRCUIT BOARD, VR-130
C1	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
CN242	1-506-482-11	s CONNECTOR 3P, MALE
R1	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R2	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R3	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R4	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R5	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R6	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R7	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R8	1-216-033-00	s METAL, CHIP 220 5% 1/10W
RV1	1-237-703-11	s RES, VAR CARBON 2Kx2

VRA-4 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8271-232-A	o MOUNTED CIRCUIT BOARD, VRA-4
1pc	3-947-136-01	o PLATE, SHIELD, RF
1pc	7-682-903-01	s SCREW +PWH 3X5
C1	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C2	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C3	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C4	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C5	1-163-035-00	s CERAMIC, CHIP 0.047uF 50V
C6	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C7	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C8	1-162-913-11	s CERAMIC 8PF 50V
C9	1-162-913-11	s CERAMIC 8PF 50V
C10	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C11	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C12	1-128-131-11	s ELECT 22uF 20% 50V
C13	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C14	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C15	1-124-472-11	s ELECT 470uF 20% 10V
C16	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C17	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C18	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C19	1-126-160-11	s ELECT 1uF 20% 50V
C20	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C21	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C22	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C23	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C24	1-128-131-11	s ELECT 22uF 20% 50V
C25	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C26	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C27	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C28	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C29	1-162-922-11	s CERAMIC, CHIP 39PF 5% 50V
C32	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C34	1-128-131-11	s ELECT 22uF 20% 50V
C35	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C37	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C38	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
C39	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C40	1-124-584-00	s ELECT 100uF 20% 10V
C41	1-126-154-11	s ELECT 47uF 20% 6.3V
CN501	1-506-480-11	o CONNECTOR, 15P, MALE
CN502	1-566-764-11	o CONNECTOR 9P, MALE
CN503	1-506-470-11	s CONNECTOR 5P, MALE
CN504	1-506-473-11	s CONNECTOR 8P, MALE
D2	8-719-400-18	s DIODE MA152WK
IC1	8-752-033-00	s IC CXA1234AR
IC3	8-759-230-99	s IC TC74HC4053AF
IC4	8-759-230-99	s IC TC74HC4053AF
L1	1-410-478-11	s INDUCTOR 47uH
L2	1-410-484-11	s INDUCTOR 150UH
L3	1-408-785-21	s INDUCTOR CHIP 47UH
L4	1-410-376-21	s INDUCTOR, CHIP 3.9uH
L5	1-408-785-21	s INDUCTOR CHIP 47UH
L6	1-410-381-11	s INDUCTOR CHIP 10UH
L7	1-408-785-21	s INDUCTOR CHIP 47UH
L8	1-408-785-21	s INDUCTOR CHIP 47UH

(VRA-4 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q1	8-729-905-18	s TRANSISTOR DTC144EU
Q2	8-729-216-22	s TRANSISTOR 2SA1162
Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q4	8-729-119-76	s TRANSISTOR 2SA1115P
Q5	8-729-216-22	s TRANSISTOR 2SA1162
Q6	8-729-905-18	s TRANSISTOR DTC144EU
Q7	8-729-905-18	s TRANSISTOR DTC144EU
Q8	8-729-216-22	s TRANSISTOR 2SA1162
R1	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R2	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R3	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R4	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R5	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R6	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R7	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R8	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R9	1-218-720-11	s METAL, CHIP 15K 0.50% 1/16W
R10	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R11	1-218-720-11	s METAL, CHIP 15K 0.50% 1/16W
R12	1-218-725-11	s METAL, CHIP 24K 0.50% 1/16W
R13	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R14	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R19	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R20	1-216-831-11	s METAL, CHIP 6.8K 5% 1/16W
R21	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R22	1-216-803-11	s METAL, CHIP 33 5% 1/16W
R23	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R24	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R25	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R26	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R27	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R28	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R29	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R30	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R31	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R32	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R33	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R34	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R35	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R36	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R37	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R39	1-218-744-11	s METAL, CHIP 150K 0.50% 1/16W
R40	1-218-744-11	s METAL, CHIP 150K 0.50% 1/16W
R41	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R42	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R43	1-216-801-11	s METAL, CHIP 22 5% 1/16W
RV1	1-238-783-11	s RES, ADJ, CERMET 500
RV2	1-238-786-11	s RES, ADJ METAL 5K
RV3	1-238-786-11	s RES, ADJ METAL 5K

FRAME

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7048-575-A	s DRUM ASSY (DGH-97A-R)
1pc	A-7049-513-A	s DRUM ASSY, UPPER ROTARY (DGR-97-R)
1pc	A-7070-624-A	o MOUNTED CIRCUIT BOARD, FP-84 FLEXIBLE (CN-551/CN345 to MD ASSY/W801)
1pc	A-7070-625-A	o MOUNTED CIRCUIT BOARD, FP-122 FLEXIBLE (CN-551/CN344 to MD ASSY/W901)
1pc	▲1-413-731-11	s SWITCHING REGULATOR (SOPS-1030)
1pc	1-506-485-11	s CONNECTOR (HOOK TYPE) (to LM-22 BOARD)
1pc	1-506-485-11	s CONNECTOR (HOOK TYPE) (to MS-36 BOARD)
1pc	▲1-532-743-11	s FUSE GRASS TUBE
1pc	1-535-535-11	s TERMINAL, SHAFT GROUND
1pc	1-543-830-11	o CLAMP, SLEEVE FERRITE
1pc	1-630-923-11	o FLEXIBLE BOARD, FP-206 (MD ASSY to RS-31/CN304)
5pcs	1-696-147-11	s FLEXIBLE CARD WIRE 26P (SST-2/CN311 THRU CN315) to (MB-356/CN130 THRU CN314)
1pc	1-949-739-11	o HARNESS (KY-DD1) (KY-217/CN703 to DD-12/CN752)
1pc	1-949-740-11	o HARNESS (KY-DD2) (KY-217/CN704 to DD-12/CN751)
1pc	1-949-741-11	o HARNESS (AU) (AU-156/CN221,CN222) to (AA-57/CN205,CN208)
1pc	1-949-742-11	o HARNESS (MB) (MB-356/CN119,CN121,CN122, CN123,CN329) to (VR-122/CN245, VR-130/CN242, MT-57A/CN802 & SW-466/CN244)
1pc	1-949-743-11	o HARNESS (SW467) (MB-356/CN124,CN135,CN136) to (SW-467/CN246 THRU CN249 & SST-2/CN307)
1pc	1-949-748-11	o HARNESS (SST) (SST-2/CN322 THRU CN328) to (CN-551/CN335 THRU CN340 & CN348)
1pc	1-949-749-12	o HARNESS (AA) (AA-57/CN201 THRU CN204,CN206 CN206,CN207,CN209,CN210) to (CP-177/CN211 THRU CN218)
1pc	1-949-751-11	o HARNESS (RM101)

(FRAME)

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-949-752-11	o HARNESS (AU-MON) (MB-356/CN1145 to CP-176/CN231)
1pc	1-949-753-11	o HARNESS (DUB) (MB-356/CN115 to CP-176/CN232)
1pc	1-949-755-12	o HARNESS (MONITOR) (MB-356/CN117 to CP-176/CN234)
1pc	1-949-756-12	o HARNESS (S-V) (MB-356/CN118 to CP-176/CN235)
1pc	1-949-757-11	o HARNESS (RM-122) (RM-122/CN252 to SST-2/CN316)
1pc	1-949-758-11	o HARNESS (VRA-SI) (MB-356/CN128 to VRA-4/CN501)
1pc	1-949-759-11	o HARNESS (VRA-DC) (MB-356/CN129 to VRA-4/CN503)
1pc	1-949-760-11	o HARNESS (PRE) (MB-356/CN127 to PRE-10/CN511)
1pc	1-949-761-11	o HARNESS (SDW348) (MB-356/CN125 to SW-543/CN810)
1pc	1-949-762-11	o HARNESS (KY-SST) (KY-217/CN701 to SST-2/CN329)
1pc	1-949-763-11	o HARNESS (TR) (CN-551/CN346 to TR-72/CN351)
CN126	(to MB-356) 1-562-256-00	o HOUSING 6P
	1-562-260-11	o CONTACT, IL-S FEMALE AWG 24-28
CN137	(to MB-356) 1-562-257-00	o HOUSING 8P
	1-562-260-11	o CONTACT, IL-S FEMALE AWG 24-28
CN242	(to HP-52) 1-506-482-11	s HOUSING 3P
	1-563-088-11	o CONTACT, FEMALE AWG24-30
CN243	(to SW-540) 1-562-148-11	o HOUSING 3P
	1-563-088-11	o CONTACT, FEMALE AWG24-30
CN261	(to DC-57) 1-562-259-00	o HOUSING 12P
	1-562-260-11	o CONTACT, IL-S FELAME AWG24-28
CN262	(to DC-57) 1-562-254-00	o HOUSING 4P
	1-562-260-11	o CONTACT, IL-S FELAME AWG24-28
CN263	(to DC-57) 1-562-256-00	o HOUSING 6P
	1-562-260-11	o CONTACT, IL-S FEMALE AWG24-28
CN264	(to DC-57) 1-562-257-00	o HOUSING 8P
	1-562-260-11	o CONTACT, IL-S FEMALE AWG24-28
CN265	(to DC-57) 1-562-258-00	o HOUSING 10P
	1-562-260-11	o CONTACT, IL-S FEMALE AWG24-28

(FRAME)

Ref. No. or Q'ty	Part No.	SP Description
CN309	(to SST-2) 1-506-482-11 s HOUSING 3P 1-563-088-11 o CONTACT, FEMALE AWG24-30	
CN321	(to SST-2) 1-562-258-00 o HOUSING 10P 1-562-260-11 o CONTACT, IL-S FEMALE AWG24-28	
CN331	(to CN-551) 1-562-147-11 o HOUSING 2P 1-563-088-11 o CONTACT, FEMALE AWG 24-30	
CN332	(to CN-551) 1-562-149-11 o HOUSING 4P 1-563-088-11 o CONTACT, FEMALE AWG 24-30	
CN333	(to CN-551) 1-562-150-11 o HOUSING 5P 1-563-088-11 o CONTACT, FEMALE AWG 24-30	
CN334	(to CN-551) 1-562-147-11 o HOUSING 2P 1-563-088-11 o CONTACT, FEMALE AWG 24-30	
CN341	(to CN-551) 1-562-149-11 o HOUSING 4P 1-563-088-11 o CONTACT, FEMALE AWG 24-30	
CN342	(to CN-551) 1-562-149-11 o HOUSING 4P 1-563-088-11 o CONTACT, FEMALE AWG 24-30	
CN347	(to CN-551) 1-562-147-11 o HOUSING 2P 1-563-088-11 o CONTACT, FEMALE AWG 24-30	
CN702	(to KY-217) 1-562-151-00 o HOUSING 6P 1-564-026-00 s CONTACT, FEMALE AWG24-30	
CN706	(to KY-217) 1-562-152-11 o HOUSING 7P 1-564-026-00 s CONTACT, FEMALE AWG24-30	
CN766	(to LP-52) 1-562-152-11 o HOUSING 7P 1-564-026-00 s CONTACT, FEMALE AWG24-30	
CN901	(to SWITCHING REGULATOR) 1-562-259-00 o HOUSING 12P 1-562-260-11 o CONTACT, IL-S FEMALE AWG24-28	
CN902	(to SWITCHING REGULATOR) 1-562-285-11 o HOUSING 4P 1-562-210-11 o CONTACT, FEMALE AWG18-22	
CN911	(to AC-121) 1-562-285-00 o HOUSING 4P 1-562-210-11 o CONTACT, FEMALE AWG18-22	
CN912	(to AC-121) 1-562-211-11 o HOUSING 3P 1-562-210-11 o CONTACT, FEMALE AWG18-22	
CN2002	(to SWITCHING REGULATOR) 1-562-254-00 o HOUSING 4P 1-562-260-11 o CONTACT, IL-S FELAME AWG24-28	
CN3001	1-580-375-11 S INLET 3P "AC IN"	

(FRAME)

Ref. No. or Q'ty	Part No.	SP Description
CS1001	1-806-682-00 s	SENSOR, CONDENSATION
J1002	1-507-854-00 s	JACK, HEADPHONES
M1002	8-835-304-11 s	MOTOR, DC (U-11B) "REEL"
M1003	8-835-364-01 s	MOTOR, DC (BHF-2802B) "CAPSTAN"
M1004	X-3711-936-1 s	MOTOR ASSY, FL (DNR-6603A) "CASSETTE COMPARTMENT"
M1005	8-835-138-01 s	MOTOR, DC (DNR-5301B) "CONTROL"
M1006	A-7040-065-A s	MOTOR ASSY, L (DNR-6602A) "LOADING"
ME1001	1-520-506-11 s	METER AUDIO LEVEL CH-1
ME1002	1-520-506-11 s	METER AUDIO LEVEL CH-2
PM1001	1-454-377-21 s	SOLENOID "BRAKE"
PM1002	1-454-445-21 s	SOLENOID "CLEANING"
S1001	1-570-117-41 s	SWITCH, ROCKER "POWER"
S1002	1-570-407-11 s	SWITCH SLIDE " CASSETTE IN"
S1003	1-553-226-00 s	SWITCH LEAF "CASSETTE DOWN"
S1010	1-572-298-21 s	SWITCH, PUSH "REC PROOF/MPHG/ME/MP"

EVO-9850(UC)

14-4. PACKING MATERIALS AND ACCESSORIES

Ref. No. or Q'ty	Part No.	SP Description
1pc	▲1-534-754-00	s CORD, POWER (for J)
1pc	▲1-557-377-11	s CORD, POWER (for UC)
1pc	3-176-268-01	o CUSHION (UPPER)
1pc	3-176-269-01	o CUSHION (LOWER)
1pc	3-694-922-01	o SHEET, PROTECTION
1pc	3-754-736-01	s MANUAL, INSTRUCTION (for J)
1pc	▲3-754-736-21	s MANUAL, INSTRUCTION (for UC)
1pc	3-795-581-21	o SAFEGUARD(SONY), IMPORTANT (for UC)

14-5. OPTIONAL FIXTURES

Ref. No. or Q'ty	Part No.	SP Description
Y-2031-001-1	o	CLEANING FLUID
J-6080-840-A	o	SMALL ADJUSTMENT MIRROR
J-6080-827-A	o	DIAL TENSION GAUGE
J-6080-831-A	o	TENSION MEASUREMENT REEL
J-6080-832-A	o	TENSION MEASUREMENT REEL
J-6257-610-A	o	No.10 GEAR PHASE TOOL
J-6080-826-A	o	No.6 GUIDE LOCK SCREWDRIVER
J-6257-460-A	o	UPPER DRUM REPLACEMENT TOOL
J-6080-824-A	o	FWD, REV TAKE UP TORQUE CASSETTE
J-6080-825-A	o	MODE SELECTOR
J-6269-000-A	o	REC HEAD PB HARNESS
J-6080-883-A	o	RF/SWP CONNECTOR
J-6257-560-A	o	S-TENSION ADJUSTMENT TOOL
J-6268-660-A	o	EX-311 (EXTENSION BOARD)
J-6080-891-A	o	TRACK SHIFT TOOL
3-703-375-06	o	PARALLEL PIN
7-700-766-01	o	HEXAGONAL SCREWDRIVER
7-741-900-53	o	WIPING CLOTH
8-967-992-12	o	ALIGNMENT TAPE, WR2-3NS
8-967-995-02	o	ALIGNMENT TAPE, WR5-1NP
8-967-995-12	o	ALIGNMENT TAPE, WR5-6N
8-967-995-13	o	ALIGNMENT TAPE, WR5-7NE
8-967-995-42	o	ALIGNMENT TAPE, WR5-5NSP
8-967-995-43	o	ALIGNMENT TAPE, WR5-8NSE
8-967-995-52	o	ALIGNMENT TAPE, WR5-8NLE
COMMERCIALY SOLD		
HEAD DEGAUSSER		

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